

Schedule APatents

- All inventions and trade secrets and related rights of Assignor not otherwise listed below

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
145.US	081490563	5638081	AT&T Wireless	United States	15-Jun-95	10-Jun-97	Antenna for Enhanced Radio Coverage
148.US	29041775	D383463	AT&T Wireless	United States	07-Jun-95	09-Sep-97	Antenna
149.EPC	95902387		AT&T Wireless	European Patent Convention	06-Oct-94		Antenna Mounting System
149.US	1965220	5641141	AT&T Wireless	United States	06-Jun-95	24-Jun-97	Antenna Mounting System Arrangement of Displays for a Wireless Communications Terminals
150.US	29024956	D389140	AT&T Wireless	United States	23-Sep-94	13-Jan-98	Wireless Communications Terminal
153.US	29024955	D363281	AT&T Wireless	United States	23-Jun-94	17-Oct-95	Personal Communicator With Flip Element Display
154.US.C2	081979110	6587700	AT&T Wireless	United States	26-Nov-97	01-Jul-03	Personal Communicator With Flip Element Display
154.US.C2(1)	101455125		AT&T Wireless	United States	05-Jun-03		High Rate Reed-Solomon Concatenated Trellis Coded 16 Star QAM System for Transmission of Data Over Cellular Mobile Radio
155.BR	PI9509749-0	P19509749-0	AT&T Wireless	Brazil	22-Nov-95	17-Feb-04	High Rate Reed-Solomon Concatenated Trellis Coded 16 Star QAM System for Transmission of Data Over Cellular Mobile Radio
155.CA		2203903	AT&T Wireless	Canada	22-Nov-95		

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
155.MX	9703830	195559	AT&T Wireless	Mexico	22-Nov-95	16-Mar-00	High Rate Reed-Solomon Concatenated Trellis Coded 16 Star QAM System for Transmission of Data Over Cellular Mobile Radio
155.US	08/344156	5659578	AT&T Wireless	United States	23-Nov-94	19-Aug-97	High Rate Reed-Solomon Concatenated Trellis Coded 16 Star QAM System for Transmission of Data Over Cellular Mobile Radio
155.US.C1	-626907	5838728	AT&T Wireless	United States	06-May-97	17-Nov-98	High Rate Reed-Solomon Concatenated Trellis Coded 16 Star QAM System for Transmission of Data Over Cellular Mobile Radio
156.BR	PI9509908-5	mailed	AT&T Wireless	Brazil	22-Nov-95	13-Apr-04	Cyclic Trellis Coded Modulation
156.MX	9703831	196647	AT&T Wireless	Mexico	22-Nov-95	25-May-00	Cyclic Trellis Coded Modulation
156.US	08/344111	5675590	AT&T Wireless	United States	23-Nov-94	07-Oct-97	Cyclic Trellis Coded Modulation
156.US.C1	08/890507	5931965	AT&T Wireless	United States	09-Jul-97	03-Aug-99	Cyclic Trellis Coded Modulation
156.USD1	08/0570289	5784417	AT&T Wireless	United States	11-Dec-95	21-Jul-98	Cyclic Trellis Coded Modulation
156.USD2	08/1581477	5907565	AT&T Wireless	United States	17-Nov-95	25-May-99	Cyclic Trellis Coded Modulation
156.USD2C1(1)	10/039038	6578173	AT&T Wireless	United States	04-Jan-02	10-Jun-03	Cyclic Trellis-Coded Modulation
156.USD2C1(2)	10/0434385	AT&T Wireless	United States	07-May-03			Cyclic Trellis-Coded Modulation
157.BR	PI9509910-7	PI9509910-7	AT&T Wireless	Brazil	22-Nov-95	17-Jul-03	System and Method for Wireless Transmission of Digital Data Using Differentially Encoded Pilot Words
157.CA	2203902	AT&T Wireless	Canada	22-Nov-95			Differentially Encoded Pilot Word System and Method

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
157.MX	9703832	195560	AT&T Wireless	Mexico	22-Nov-95	16-Mar-00	System and Method for Wireless Transmission of Digital Data Using Differentially Encoded Pilot Words
157.US	08/344238	5809083	AT&T Wireless	United States	23-Nov-94	15-Sep-98	Differentially Encoded Pilot Word System and Method for Wireless Transmissions of Digital Data
177.DE	566582	69128727.9	AT&T Wireless	Germany	31-Oct-91	14-Jan-98	Location Registration System for a Personal Communicator Such as a Cellular Telephone
177.DK	92900021.4	566582	AT&T Wireless	Denmark	31-Oct-91	14-Jan-98	Location Registration System for a Personal Communicator Such as a Cellular Telephone
177.FR	92900021.4	566582	AT&T Wireless	France	31-Oct-91	14-Jan-98	Location Registration System for a Personal Communicator Such as a Cellular Telephone
177.GB	92900021.4	566582	AT&T Wireless	Great Britain	31-Oct-91	14-Jan-98	Location Registration System for a Personal Communicator Such as a Cellular Telephone
177.SE	566582	566582	AT&T Wireless	Sweden	31-Oct-91	14-Jan-98	Location Registration System for a Personal Communicator Such as a Cellular Telephone
177.SP	566582	2112309	AT&T Wireless	Spain	31-Oct-91	14-Jan-98	Location Registration System for a Personal Communicator Such as a Cellular Telephone
177.US	07/606523	5197092	AT&T Wireless	United States	31-Oct-90	23-Mar-93	Location Registration System for a Personal Communicator Such as a Cellular Telephone
206.CA	2188334	2188334	AT&T Wireless	Canada	21-Oct-96	17-Apr-01	Powered Down Selection of a Preferable Wireless Communications Service Provider in a Multi-Service

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
							Provider Environment
206.EPC	96120004.5	779751	AT&T Wireless	European Patent Convention	12-Dec-96	10-Dec-03	Powered Down Selection of a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
206.GB	96120004.5	779751	AT&T Wireless	Great Britain	12-Dec-96	10-Dec-03	Powered Down Selection of a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
206.MX	966233	202958	AT&T Wireless	Mexico	09-Dec-96	06-Jul-01	Powered Down Selection of a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
206.US	081570502	6298235	AT&T Wireless	United States	12-Dec-95	02-Oct-01	Powered Down Selection of a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
206.US.C1	1065658		AT&T Wireless	United States	14-Jun-99		Powered Down Selection of a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
206.US.C2	-25322	6311064	AT&T Wireless	United States	28-Nov-00	30-Oct-01	Powered Down Selection of a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
207.BR	9706556		AT&T Wireless	Brazil	09-Jun-97		Memory Exceed Notification for Wireless Network Communication Device
207.MX	981350		AT&T Wireless	Mexico	09-Jun-97		Memory Exceed Notification for Wireless Network Communication Device
207.PCT	PCT/US97/10095		Patent Cooperation	AT&T Wireless	09-Jun-97		Memory Exceed Notification for Wireless

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
			Treaty				Network Communication Device
207.TW	86108772	114335	AT&T Wireless	Taiwan	23-Jun-97	24-Aug-00	Memory Exceed Notification for Wireless Network Communication Device
207.US.C1	09/519993	628935	AT&T Wireless	United States	07-Mar-00	30-Sep-03	Memory Exceed Notification for Wireless Network Communication Device
209.TW	86118807	103007	AT&T Wireless	Taiwan	12-Dec-97	08-Sep-99	Landline-Supported Private Base Station for Collecting Data and Switchable into a Cellular Network
209.US	08768371	6169895	AT&T Wireless	United States	17-Dec-95	02-Jan-01	Landline-Supported Private Base Station for Collecting Data and Switchable into a Cellular Network
210.BR	9710989-4		AT&T Wireless	Brazil	24-Jun-97		Telephone System Having Landline-Supported Private Base Station Switchable into Cellular Network
210.CA	2259273	2259273	AT&T Wireless	Canada	24-Jun-97	18-Mar-03	Telephone System Having Landline-Supported Private Base Station Switchable into Cellular Network
210.EPC	97930213		AT&T Wireless	European Patent Convention	24-Jun-97		Telephone System Having Landline-Supported Private Base Station Switchable into Cellular Network
210.JP	10-504243		AT&T Wireless	Japan	24-Jun-97		Telephone System Having Landline-Supported Private Base Station Switchable into Cellular Network
210.MX	990238		AT&T Wireless	Mexico	24-Jun-97		Telephone System Having Landline-Supported Private Base Station Switchable into Cellular Network
210.TW	86108826	93482	AT&T Wireless	Taiwan	24-Jun-97	16-Jul-98	Telephone System Having Landline-Supported Private Base Station Switchable into Cellular Network

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
210.US	08/671745	6038193	AT&T Wireless	United States	28-Jun-96	07-Mar-00	Telephone System Having Landline-Supported Private Base Station Switchable into Cellular Network
211.CA	2195494	2195494	AT&T Wireless	Canada	20-Jan-97	24-Apr-01	Roaming Authorization System
211.EPC	97101730.6		AT&T Wireless	European Patent Convention	04-Feb-97		Roaming Authorization System
211.US	1951340	6411807	AT&T Wireless	United States	05-Feb-96	25-Jun-02	Roaming Authorization System
211.US.C1	10/051713	6560455	AT&T Wireless	United States	17-Jan-02	06-May-03	Roaming Authorization System
213.CA	2195487	2195487	AT&T Wireless	Canada	20-Jan-97	15-Oct-02	Location-Dependent Cellular Service Profile
213.US	08/603290	5950125	AT&T Wireless	United States	20-Feb-96	07-Sep-99	Location-Dependent Cellular Service Profile
218.BR.CP1	-74447		AT&T Wireless	Brazil	20-Feb-97		Method and Apparatus for Determining the Location of a Mobile Telephone
218.CA.CP1	2195591	2195591	AT&T Wireless	Canada	21-Jan-97	04-Sep-01	Method and Apparatus for Determining the Location of a Mobile Telephone
218.MX.CP1	971205	200820	AT&T Wireless	Mexico	17-Feb-97	09-Feb-01	Method and Apparatus for Determining the Location of a Mobile Telephone
218.US	08/472082	5732354	AT&T Wireless	United States	07-Jun-95	24-Mar-98	Method and Apparatus for Determining the Location of a Mobile Telephone
218.US.CP1	08/603793	5724660	AT&T Wireless	United States	20-Feb-96	03-Mar-98	Method and Apparatus for Determining the Location of a Mobile Telephone
221.CA	2191143	2191143	AT&T Wireless	Canada	25-Nov-96	16-May-00	Radio Telephone With Detachable Pager
221.US	08/576385	5854984	AT&T Wireless	United States	21-Dec-95	28-Dec-98	Radio Telephone With Detachable Pager
223.CA	2219366		AT&T Wireless	Canada	04-Dec-96		Method and Apparatus for Indicating to a Wireless Network the Operational Mode of a Wireless Communicator

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
223.EPC	96944746.5		AT&T Wireless	European Patent Convention	04-Dec-96		Method and Apparatus for Indicating to a Wireless Network the Operational Mode of a Wireless Communicator
223.MX	976970		AT&T Wireless	Mexico	04-Dec-96		Method and Apparatus for Indicating to a Wireless Network the Operational Mode of a Wireless Communicator
223.US	08/571050		AT&T Wireless	United States	12-Dec-95		Method and Apparatus for Indicating to a Wireless Network the Operational Mode of a Wireless Communicator
224.CA	2188330	2188330	AT&T Wireless	Canada	21-Oct-96	24-Apr-01	A Method for Selecting a Wireless Communications Service Provider in a Multi-Service Provider Environment
224.EPC	95120011		AT&T Wireless	European Patent Convention	12-Dec-96		A Method for Selecting a Wireless Communications Service Provider in a Multi-Service Provider Environment
224.MX	966230	200025	AT&T Wireless	Mexico	09-Dec-96	13-Dec-00	A Method for Selecting a Wireless Communications Service Provider in a Multi-Service Provider Environment
224.US.C1	08/969710	5832367	AT&T Wireless	United States	29-Oct-97	03-Nov-98	A Method for Selecting a Wireless Communications Service Provider in a Multi-Service Provider Environment
224.US.C2	09/152927	6282420	AT&T Wireless	United States	15-Sep-98	28-Aug-01	Method for Selecting a Wireless Communications Service Provider in a Multi-Service Provider Environment
224.US.C2C1	09/425240	6430396	AT&T Wireless	United States	25-Oct-99	06-Aug-02	A Method for Selecting a Wireless Communications Service Provider in a Multi-Service Provider

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
224.US.C2C1(1)	10/154856	6771961	AT&T Wireless	United States	28-May-02	03-Aug-04	A Method for Selecting a Wireless Communications Service Provider in a Multi-Service Provider Environment
224.US.C2C1(2)	-603471		AT&T Wireless	United States	25-May-04		A Method for Selecting a Wireless Communications Service Provider in a Multi-Service Provider Environment
225.US.C1	08/901827	5974311	AT&T Wireless	United States	28-Jul-97	26-Oct-99	Method and Apparatus for Storing Activation Data in a Cellular Telephone
225.US.C2	09/219872	6050893	AT&T Wireless	United States	24-Dec-98	18-Nov-03	Method and Apparatus for Storing Activation Data in a Cellular Telephone
225.US.C3	1902793	6748209	AT&T Wireless	United States	09-Aug-01	08-Jun-04	Method and Apparatus for Storing Activation Data in a Cellular Telephone
225.US.C4	10/805247		AT&T Wireless	United States	22-Mar-04		Method and Apparatus for Storing Activation Data in a Cellular Telephone
226.CA	2182817	2182817	AT&T Wireless	Canada	07-Aug-96	09-Apr-02	Method and Apparatus for Spectrum Analysis
226.US.C1	09/439015	6584175	AT&T Wireless	United States	12-Nov-99	24-Jun-03	Method and Apparatus for Spectrum Analysis
232.CA	2274517		AT&T Wireless	Canada	16-Oct-97		Dynamically Selecting a Wireless Network Offering a Desired Service Feature
232.EPC	97954673.6		AT&T Wireless	European Patent Convention	16-Oct-97		Dynamically Reconfigurable Wireless Communicator
232.JP	-100135		AT&T Wireless	Japan	16-Oct-97		Dynamically Reconfigurable Wireless Communicator
232.US	08/644638	5819173	AT&T Wireless	United States	30-Apr-96	06-Oct-98	Dynamically Reconfigurable Wireless Communicator

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
233.CA	2184424	2184424	AT&T Wireless	Canada	29-Aug-96	24-Oct-00	Arrest Cradle for Electronic Communications Handset
233.JP	2396331996		AT&T Wireless	Japan	11-Sep-96		Arrest Cradle for Electronic Communications Handset
233.MX	965014	200024	AT&T Wireless	Mexico	22-Oct-96	23-Dec-00	Arrest Cradle for Electronic Communications Handset
233.US	08/550130	5865503	AT&T Wireless	United States	30-Oct-95	02-Feb-99	Arrest Cradle for Electronic Communications Handset
235.CA	2190045		AT&T Wireless	Canada	12-Nov-96		Customer Activation System for Cellular Network
235.DE	96119565.8	69630100.8	AT&T Wireless	Germany	05-Dec-96	24-Sep-03	Customer Activation System for Cellular Network
235.EP	96119565.8-2412	778716	AT&T Wireless	European Patent Convention	05-Dec-96	24-Sep-03	Customer Activation System for Cellular Network
235.EPC.D1	3016354.7		AT&T Wireless	European Patent Convention	05-Dec-96		Customer Activation System for Cellular Network
235.GB	96119565.8	778716	AT&T Wireless	Great Britain	05-Dec-96	24-Sep-03	Customer Activation System for Cellular Network
235.HK	4103133.8		AT&T Wireless	Hong Kong	05-Dec-96		Customer Activation System for Cellular Network
235.JP	324896/1996		AT&T Wireless	Japan	05-Dec-96		Customer Activation System for Cellular Network
235.JP.D1	2003-170351		AT&T Wireless	Japan	16-Jun-03		Customer Activation System for Cellular Network
235.MX	995918	218372	AT&T Wireless	Mexico	28-Nov-96	07-Jan-04	Customer Activation System for Cellular Network
235.NL	96119565.8	778716	AT&T Wireless	Netherland	05-Dec-96	24-Sep-03	Customer Activation System for Cellular Network

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
235.US.C1	09/619108	6490445	AT&T Wireless	United States	19-Jul-00	03-Dec-02	Customer Activation System for Cellular Network
235.US.C1(1)	10/226755	6725033	AT&T Wireless	United States	23-Aug-02	20-Apr-04	Customer Activation System for Cellular Network
235.US.C1(2)	10814574		AT&T Wireless	United States	31-Mar-04		Customer Activation System for Cellular Network
236.CA	2231452	2231452	AT&T Wireless	Canada	06-Sep-96	25-Jun-02	Cordless Cellular System Base Station
236.CA.D1	2323253		AT&T Wireless	Canada	06-Sep-96		Cordless Cellular System Base Station
236.CA.D2	2335283		AT&T Wireless	Canada	06-Sep-96		Cordless Cellular System Base Station
236.CA.D3	2335275		AT&T Wireless	Canada	06-Sep-96		Cordless Cellular System Base Station
236.EPC	96930783.4		AT&T Wireless	European Patent Convention	06-Sep-96		Cordless Cellular System Base Station
236.EPC.D1	2077853.6		AT&T Wireless	European Patent Convention	06-Sep-96		Cordless Cellular System Base Station
236.EPC.D2	2077852.8		AT&T Wireless	European Patent Convention	06-Sep-96		Cordless Cellular System Base Station
236.HK1	3103379.2		AT&T Wireless	Hong Kong	13-May-03		Cordless Cellular System Base Station
236.HK2	3103378.3		AT&T Wireless	Hong Kong	13-May-03		Cordless Cellular System Base Station
236.JP	9-512751		AT&T Wireless	Japan	06-Sep-96		Cordless Cellular System Base Station
236.MX	981829	202590	AT&T Wireless	Mexico	06-Sep-96	22-Jun-01	Cordless Cellular System Base Station
236.US	-260934	5975629	AT&T Wireless	United States	08-Sep-95	07-Oct-97	Cordless Cellular System Base Station
236.US.D2(1)	10/279866	6681118	AT&T Wireless	United States	25-Oct-02	20-Jan-04	Cordless Cellular System
236.US.D3(1)	10/235039	6611692	AT&T Wireless	United States	04-Sep-02	26-Aug-03	Cordless Cellular System
236.US.D3(2)	10/647105		AT&T Wireless	United States	22-Aug-03		Cordless Cellular System
239.CA	2261927	2261927	AT&T Wireless	Canada	11-Jul-97	18-Nov-03	Method for Allocating a Mobile Station TMSI

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
239.EPC	97934931.3		AT&T Wireless	European Patent Convention	11-Jul-97		Method for Allocating a Mobile Station TMSI
239.MX	990960	205708	AT&T Wireless	Mexico	11-Jul-97	18-Dec-01	Method for Allocating a Mobile Station TMSI
239.TW	86109994	94590	AT&T Wireless	Taiwan	15-Jul-97	11-Sep-98	Method for Allocating a Mobile Station TMSI
239.US	08688626	6039624	AT&T Wireless	United States	29-Jul-96	21-Mar-00	Method for Allocating a Mobile Station TMSI
243.AU	75470/96	713550	AT&T Wireless	Australia	19-Dec-96	16-Mar-00	Method and Apparatus for Wireless Communication System Organization
243.BR	9606032		AT&T Wireless	Brazil	17-Dec-96		Method and Apparatus for Wireless Communication System Organization
243.CA	2190552	2190552	AT&T Wireless	Canada	18-Nov-96	24-Oct-00	Method and Apparatus for Wireless Communication System Organization
243.GB	9625564.1	2308952	AT&T Wireless	Great Britain	09-Dec-96	08-Mar-00	Method and Apparatus for Wireless Communication System Organization
243.IN	2095/MAS/96		AT&T Wireless	India	22-Nov-96		Method and Apparatus for Wireless Communication System Organization
243.JP	338822		AT&T Wireless	Japan	19-Dec-96		Method and Apparatus for Wireless Communication System Organization
243.US	08575974	5878328	AT&T Wireless	United States	21-Dec-95	02-Mar-99	Method and Apparatus for Wireless Communication System Organization
246.TW	86108830	10482	AT&T Wireless	Taiwan	24-Jun-97	05-Jul-99	Concurrent Ringing on Multiple Network Telephones
246.US	08669805	6405041	AT&T Wireless	United States	27-Jun-96	11-Jun-02	Concurrent Ringing on Multiple Network Telephones
246.US.C1	10123466	6584317	AT&T Wireless	United States	15-Apr-02	24-Jun-03	Packet Data Transmission Using Dynamic Channel Assignment
247.CA	238552	238552	AT&T Wireless	Canada	22-Nov-96	14-Dec-99	

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
247.EPC	96939741.3		AT&T Wireless	European Patent Convention	22-Nov-96		Packet Data Transmission Using Dynamic Channel Assignment
247.MX	984220	205488	AT&T Wireless	Mexico	22-Nov-96	13-Dec-01	Packet Data Transmission Using Dynamic Channel Assignment
247.PCT	PCT/US96/18743		AT&T Wireless	Patent Cooperation Treaty	22-Nov-96		Packet Data Transmission Using Dynamic Channel Assignment
247.US	08/563816	5790551	AT&T Wireless	United States	28-Nov-95	04-Aug-98	Packet Data Transmission Using Dynamic Channel Assignment
248.BR	384115		AT&T Wireless	Brazil	19-May-97		Method and Apparatus for Providing Telecommunication Services Based on a Subscriber Profile Updated by a Personal Information Manager
248.CA	2228169	2228169	AT&T Wireless	Canada	19-May-97	18-Feb-03	Method and Apparatus for Providing Telecommunication Services Based on a Subscriber Profile Updated by a Personal Information Manager
248.EPC	97926592.3		AT&T Wireless	European Patent Convention	19-May-97		Method and Apparatus for Providing Telecommunication Services Based on a Subscriber Profile Updated by a Personal Information Manager
248.JP	10-500600		AT&T Wireless	Japan	19-May-97		Method and Apparatus for Providing Telecommunication Services Based on a
248.MX	980829	214649	AT&T Wireless	Mexico	19-May-97	09-Jun-03	

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
							Subscriber Profile Updated by a Personal Information Manager
248.NO	19980461	AT&T Wireless	Norway	19-May-97			Method and Apparatus for Providing Telecommunication Services Based on a Subscriber Profile Updated by a Personal Information Manager
248.PCT	PCT/US97/08455	AT&T Wireless	Patent Cooperation Treaty	19-May-97			Method and Apparatus for Providing Telecommunication Services Based on a Subscriber Profile Updated by a Personal Information Manager
248.TW	86107435	93010	AT&T Wireless	Taiwan	30-May-97	18-Jun-98	Method and Apparatus for Providing Telecommunication Services Based on a Subscriber Profile Updated by a Personal Information Manager
248.US	888849	5933778	AT&T Wireless	United States	04-Jun-96	03-Aug-99	Method and Apparatus for Providing Telecommunication Services Based on a Subscriber Profile Updated by a Personal Information Manager
250.BR	9706555		AT&T Wireless	Brazil	11-Jun-97		Method and Apparatus for Maintaining Channel Priority in a Multiple Wireless Communication System Environment
250.CA	2237597	2237597	AT&T Wireless	Canada	11-Jun-97	22-Jan-02	Method and Apparatus for Maintaining Channel Priority in a Multiple Wireless Communication System Environment

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
250.MX	981511	202991	AT&T Wireless	Mexico	11-Jun-97	06-Jul-01	Method and Apparatus for Maintaining Channel Priority in a Multiple Wireless Communication System Environment
250.TW	86108843	96577	AT&T Wireless	Taiwan	23-Jun-97	16-Dec-98	Method and Apparatus for Maintaining Channel Priority in a Multiple Wireless Communication System Environment
250.US	08/672898	5966642	AT&T Wireless	United States	28-Jun-96	12-Oct-99	Method and Apparatus for Maintaining Channel Priority in a Multiple Wireless Communication System Environment
252.CA	2188329	2188329	AT&T Wireless	Canada	21-Oct-96	01-May-01	A Method for Selecting a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
252.DE	96120010.2	69628270	AT&T Wireless	Germany	12-Dec-96	21-May-03	A Method for Selecting a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
252.EPC	96120010.2	779753	AT&T Wireless	European Patent Convention	12-Dec-96	21-May-03	A Method for Selecting a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
252.EP.C.D1	3011438.3		AT&T Wireless	European Patent Convention	12-Dec-96		A Method for Selecting a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
252.FR	96120010.2	779753	AT&T Wireless	France	12-Dec-96	21-May-03	Provider Environment

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
252.GB	96120010.2	779753	AT&T Wireless	Great Britain	12-Dec-96	21-May-03	A Method for Selecting a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
252.MX	966232		AT&T Wireless	Mexico	09-Dec-96		A Method for Selecting a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
252.US	08/570904	6418318	AT&T Wireless	United States	12-Dec-95	09-Jul-02	A Method for Selecting a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
252.US.C1	10/099944	6782259	AT&T Wireless	United States	19-Mar-02	24-Aug-04	A Method for Selecting a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
252.US.C1(1)	mailed		AT&T Wireless	United States	26-May-04		A Method for Selecting a Preferable Wireless Communications Service Provider in a Multi-Service Provider Environment
253.CA	2188333	2188333	AT&T Wireless	Canada	21-Oct-96	06-Aug-02	A Method for Selecting a Wireless Service Provider in a Multi-Service Provider Environment Using a Geographic Database
253.DE	69632713.9-08	779752	AT&T Wireless	Germany	12-Dec-96	16-Jun-04	Method for Selecting a Wireless Service Provider in a Multi-Service Provider Environment Using A Geographic Database
253.EPC	96120005.2	779752	AT&T Wireless	European Patent Convention	12-Dec-96	16-Jun-04	Method for Selecting a Wireless Service Provider in a Multi-Service Provider Environment Using A Geographic Database
253.MX	966231	202750	AT&T Wireless	Mexico	09-Dec-96	02-Jul-01	A Method for Selecting a Wireless Service Provider in a Multi-Service Provider Environment Using a

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
253.US	08/4570903	5905955	AT&T Wireless	United States	12-Dec-95	18-May-99	A Method for Selecting a Wireless Service Provider in a Multi-Service Provider Environment Using a Geographic Database
255.CA	2282443	28282443	AT&T Wireless	Canada	03-Feb-98	14-Oct-03	Wireless Communication Service Management
255.EPC	98904684.2		AT&T Wireless	European Patent Convention	03-Feb-98		Wireless Communication Service Management
255.MX	997818	210069	AT&T Wireless	Mexico	03-Feb-98	02-Sep-02	Wireless Communication Service Management
255.TV	87101700	106908	AT&T Wireless	Taiwan	09-Feb-98	12-Jan-00	Wireless Communication Service Management
255.US	08/810959	6167261	AT&T Wireless	United States	27-Feb-97	26-Dec-00	Wireless Communication Service Management
256.CA	2244682	2244682	AT&T Wireless	Canada	11-Aug-98	30-Mar-04	Wireless Communication Device With Call Screening
256.US	08/909387	6567671	AT&T Wireless	United States	11-Aug-97	20-May-03	Wireless Communication Device With Call Screening
256.US.D1	10/406912		AT&T Wireless	United States	02-Apr-03		Method for Determining Organization Parameters in a Wireless Communication System
258.AU	16648197	749334	AT&T Wireless	Australia	01-Apr-97	24-Oct-02	Method for Determining Organization Parameters in a Wireless Communication System
258.AU.D1	773877		AT&T Wireless	Australia	20-Mar-02		Method for Determining Organization Parameters in a Wireless Communication System
258.BR	126070		AT&T Wireless	Brazil	27-Mar-97		Method for Determining Organization Parameters in a Wireless Communication System
258.CA	2199310	2199310	AT&T Wireless	Canada	06-Mar-97	23-Apr-02	Method for Determining Organization Parameters in a Wireless Communication System

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
258.GB	9706533.8	2311912B	AT&T Wireless	Great Britain	01-Apr-97	11-Oct-00	Method for Determining Organization Parameters in a Wireless Communication System
258.IN	717MAS/97		AT&T Wireless	India	04-Apr-97		Method for Determining Organization Parameters in a Wireless Communication System
258.JP	85443/1997		AT&T Wireless	Japan	04-Apr-97		Method for Determining Organization Parameters in a Wireless Communication System
258.US	08/628214	6496700	AT&T Wireless	United States	04-Apr-96	17-Dec-02	Method for Determining Organization Parameters in a Wireless Communication System
258.USD2	10/082402		AT&T Wireless	United States	25-Feb-02		Method and System for Automatic Activation of a Wireless Device
260.BR	1992490		AT&T Wireless	Brazil	15-Jul-97		Method and System for Automatic Activation of a Wireless Device
260.CA	2209528	2209528	AT&T Wireless	Canada	03-Jul-97	12-Jun-01	Method and System for Automatic Activation of a Wireless Device
260.EPC	97304542		AT&T Wireless	European Patent Convention	26-Jun-97		Method and System for Automatic Activation of a Wireless Device
260.JP	190864/1997		AT&T Wireless	Japan	16-Jul-97		Method and System for Automatic Activation of a Wireless Device
260.MX	975114	207169	AT&T Wireless	Mexico	08-Jul-97	14-Mar-02	Method and System for Automatic Activation of a Wireless Device
260.NO	19973158		AT&T Wireless	Norway	08-Jul-97		Method and System for Automatic Activation of a Wireless Device
260.TW	86109681	95961	AT&T Wireless	Taiwan	09-Jul-97	16-Nov-98	Method and System for Automatic Activation of a Wireless Device
260.US	08/683013	5956636	AT&T Wireless	United States	16-Jul-96	21-Sep-99	Method and System for Automatic Activation of a Wireless Device

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
262.CA	2259329	2259329	AT&T Wireless	Canada	02-Jun-97	01-Jun-04	TDMA Messaging Service
262.EPC	97527734.4		AT&T Wireless	European Patent Convention	02-Jun-97		TDMA Messaging Service
262.JP	10-504109		AT&T Wireless	Japan	02-Jun-97		TDMA Messaging Service
262.MX	990211		AT&T Wireless	Mexico	02-Jun-97		TDMA Messaging Service
262.US	08/672769	5875187	AT&T Wireless	United States	28-Jun-96	23-Feb-99	TDMA Messaging Service
262.US.C1	09/168919		AT&T Wireless	United States	09-Oct-98		TDMA Messaging Service
263.BR	9710455-8	9710455-8	AT&T Wireless	Brazil	24-Jun-97	10-Dec-02	Method for Optimal Selection Among Multiple Providers in a Wireless Communications Service Environment
263.CA	2259230	2259230	AT&T Wireless	Canada	24-Jun-97	07-Jan-03	Method for Optimal Selection Among Multiple Providers in a Wireless Communications Service Environment
263.EPC	97932326.8		AT&T Wireless	European Patent Convention	24-Jun-97		Method for Optimal Selection Among Multiple Providers in a Wireless Communications Service Environment
263.JP	10-504316		AT&T Wireless	Japan	14-Dec-98		Method for Optimal Selection Among Multiple Providers in a Wireless Communications Service Environment
263.TW	86108823	94720	AT&T Wireless	Taiwan	24-Jun-97	18-Sep-98	Method for Optimal Selection Among Multiple Providers in a Wireless Communications Service Environment
263.US	08/672907	5845198	AT&T Wireless	United States	28-Jun-96	01-Dec-98	Method for Optimal Selection Among Multiple Providers in a Wireless Communications Service Environment
265.CA	2215819	2215819	AT&T Wireless	Canada	19-Sep-97	01-Jan-02	Method and Apparatus for

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
265.MX	977577	212046	AT&T Wireless	Mexico	06-Oct-97	13-Dec-02	Providing a Caller ID Alias
265.US	2007953	6343120	AT&T Wireless	United States	08-Oct-96	29-Jan-02	Method and Apparatus for Providing a Caller ID Alias
266.TW	87100564	107516	AT&T Wireless	Taiwan	19-Jan-98	31-Jan-00	Detection of Fraudulently Registered Mobile Phones
266.US	65895	5953652	AT&T Wireless	United States	24-Jan-97	14-Sep-99	Detection of Fraudulently Registered Mobile Phones
269.US	08/838613	6006087	AT&T Wireless	United States	10-Apr-97	21-Dec-99	Method and System for Delivering a Voice Mail Notification to a Subscriber Using Cellular Phone Network
269.US.C1	09/448904	6418307	AT&T Wireless	United States	29-Nov-99	09-Jul-02	Method and System for Delivering a Voice Mail Notification to a Subscriber Using Cellular Phone Network
269.US.C2	10/147408		AT&T Wireless	United States	15-May-02		Method and System for Delivering a Voice Mail Notification to a Subscriber Using Cellular Phone Network
270.CA	2251589		AT&T Wireless	Canada	27-Oct-98		Method and System for Delivering a Short-Message Notification
270.EPC	98122142.7		AT&T Wireless	European Patent Convention	25-Nov-98		Method and System for Delivering a Short-Message Notification
270.MX	9810043		AT&T Wireless	Mexico	30-Nov-98		Method and System for Delivering a Short-Message Notification
270.US	-179851	6630883	AT&T Wireless	United States	02-Dec-97	07-Oct-03	Method and System for Delivering a Short-Message Notification
272.BR	384268		AT&T Wireless	Brazil	19-May-97		Personal Information Manager for Updating a Telecommunication Subscriber Profile
272.CA	2228139	2228139	AT&T Wireless	Canada	19-May-97	12-Sep-00	Personal Information Manager for Updating a Telecommunication

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
272.EPC	97925647.6		AT&T Wireless	European Patent Convention	19-May-97		Personal Information Manager for Updating a Telecommunication Subscriber Profile
272.JP.D1	2002-258849		AT&T Wireless	Japan	04-Sep-02		Personal Information Manager for Updating a Telecommunication Subscriber Profile
272.MX	980830		AT&T Wireless	Mexico	19-May-97	16-Nov-01	Personal Information Manager for Updating a Telecommunication Subscriber Profile
272.NO	19980450		AT&T Wireless	Norway	19-May-97		Personal Information Manager for Updating a Telecommunication Subscriber Profile
272.PCT	PCT/US97/08510		AT&T Wireless	Patent Cooperation Treaty	19-May-97		Personal Information Manager for Updating a Telecommunication Subscriber Profile
272.TW	86107431	92856	AT&T Wireless	Taiwan	30-May-97	09-Jun-98	Personal Information Manager for Updating a Telecommunication Subscriber Profile
272.US	86777	5903845	AT&T Wireless	United States	04-Jun-96	11-May-99	Personal Information Manager for Updating a Telecommunication Subscriber Profile
281.BR	9803891-5		AT&T Wireless	Brazil	09-Oct-98		Method for Providing Remote Emulation of the Functionality of a Private Exchange
281.CA	2249895	2,249,895	AT&T Wireless	Canada	09-Oct-98	26-Mar-02	Method for Providing Remote Emulation of the Functionality of a Private Exchange
281.EPC	98308224.9		AT&T Wireless	European Patent Convention	09-Oct-98		Method for Providing Remote Emulation of the Functionality of a Private Exchange

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
281.MX	9888391	211550	AT&T Wireless	Mexico	09-Oct-98	22-Nov-02	Method for Providing Remote Emulation of the Functionality of a Private Exchange
281.NO	19984742		AT&T Wireless	Norway	09-Oct-98		Method for Providing Remote Emulation of the Functionality of a Private Exchange
281.TW	87116913	121508	AT&T Wireless	Taiwan	12-Oct-98	26-Feb-01	Method for Providing Remote Emulation of the Functionality of a Private Exchange
281.US	081948497	6229885	AT&T Wireless	United States	10-Oct-97	08-May-01	Method for Providing Remote Emulation of the Functionality of a Private Exchange
282.CA	2252180	2252180	AT&T Wireless	Canada	29-Oct-98	23-Apr-02	A Method for Allowing a Called Party to Allocate Call Payment Responsibility
282.US	081974394	6373931	AT&T Wireless	United States	19-Nov-97	16-Apr-02	A Method for Allowing a Called Party to Allocate Call Payment Responsibility
283.BR	98038890.7		AT&T Wireless	Brazil	09-Oct-98		System for Providing Power to a Wireless System
283.CA	2249911	2249911	AT&T Wireless	Canada	09-Oct-98	01-Jan-02	System for Providing Power to a Wireless System
283.MX	9888387	210851	AT&T Wireless	Mexico	09-Oct-98	15-Oct-02	System for Providing Power to a Wireless System
283.US	081948777	6256518	AT&T Wireless	United States	10-Oct-97	03-Jul-01	Method and System for Providing Power to a Wireless System
283.USCP1	091828859		AT&T Wireless	United States	10-Apr-01		Method and System for Providing Power to a Wireless System
283.US.D1	101866994		AT&T Wireless	United States	15-Jun-04		Method and System for Providing Power to a Wireless System

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
284.TW	86114469	110656	AT&T Wireless	Taiwan	03-Oct-97	11-May-00	Secure Equipment Automation Using a Personal Base Station
284.US	2088306	5875395	AT&T Wireless	United States	09-Oct-96	23-Feb-99	Secure Equipment Automation Using a Personal Base Station
285.CA	2202000	2202000	AT&T Wireless	Canada	07-Apr-97	06-Mar-01	Service Transfer to a Wireless Telephone
285.TW	88105955	92547	AT&T Wireless	Taiwan	05-May-97	25-May-98	Service Transfer to a Wireless Telephone
285.US	086444027	5845207	AT&T Wireless	United States	09-May-96	01-Dec-98	Service Transfer to a Wireless Telephone
286.BR	1877348		AT&T Wireless	Brazil	17-Dec-97		System and Method for Retrieving Messages From a Voice Message System
286.CA	2221660	2221660	AT&T Wireless	Canada	20-Nov-97	13-Feb-01	System and Method for Retrieving Messages From a Voice Message System
286.EPC	97309357.8		AT&T Wireless	European Patent Convention	20-Nov-97		System and Method for Retrieving Messages From a Voice Message System
286.JP	9-339534		AT&T Wireless	Japan	10-Dec-97		System and Method for Retrieving Messages From a Voice Message System
286.MX	9710199		AT&T Wireless	Mexico	16-Dec-97		System and Method for Retrieving Messages From a Voice Message System
286.NO	975816		AT&T Wireless	Norway	10-Dec-97		System and Method for Retrieving Messages From a Voice Message System
286.TW	86118705	114009	AT&T Wireless	Taiwan	11-Dec-97	11-Aug-00	System and Method for Retrieving Messages From a Voice Message System
286.US	08766134	6405032	AT&T Wireless	United States	17-Dec-96	11-Jun-02	System and Method for Retrieving Messages From a Voice Message System
287.BR	9802303		AT&T Wireless	Brazil	26-Jun-98		Method and Apparatus for Providing Partitioned Telecommunication Services
287.CA	2239649		AT&T Wireless	Canada	04-Jun-98		Method and Apparatus for Providing Partitioned Telecommunication Services

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
287.EPC	98304671.5		AT&T Wireless	European Patent Convention	12-Jun-98		Method and Apparatus for Providing Partitioned Telecommunication Services
287.JP	10-176895		AT&T Wireless	Japan	24-Jun-98		Method and Apparatus for Providing Partitioned Telecommunication Services
287.MX	985150		AT&T Wireless	Mexico	24-Jun-98		Method and Apparatus for Providing Partitioned Telecommunication Services
287.TW	87108653	111653	AT&T Wireless	Taiwan	02-Jun-98	07-Jun-00	Method and Apparatus for Providing Partitioned Telecommunication Services
287.US	08/882804		AT&T Wireless	United States	26-Jun-97		Method and Apparatus for Providing Partitioned Telecommunication Services
287.US.C1	10/041500		AT&T Wireless	United States	10-Jan-02		Method and Apparatus for Providing Partitioned Telecommunication Services
288.BR	9703967		AT&T Wireless	Brazil	14-Jul-97		System and Method for Automatic Registration Notification for Over-the-Air Activation
288.CA	2208601	2208601	AT&T Wireless	Canada	24-Jun-97	20-Mar-01	System and Method for Automatic Registration Notification for Over-the-Air Activation
288.EPC	97112096.9		AT&T Wireless	European Patent Convention	15-Jul-97		System and Method for Automatic Registration Notification for Over-the-Air Activation
288.JP	188842/1997		AT&T Wireless	Japan	15-Jul-97		System and Method for Automatic Registration Notification for Over-the-Air Activation
288.MX	975088	216890	AT&T Wireless	Mexico	07-Jul-97	13-Oct-03	System and Method for Automatic Registration Notification for Over-the-Air Activation

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
288.NO	19973157		AT&T Wireless	Norway	08-Jul-97		System and Method for Automatic Registration for Over-the-Air Activation
288.TW	86109676	96465	AT&T Wireless	Taiwan	09-Jul-97	11-Dec-98	System and Method for Automatic Registration, Notification for Over-the-Air Activation
288.US	08/679890	6188899	AT&T Wireless	United States	15-Jul-96	13-Feb-01	System and Method for Automatic Registration, Notification for Over-the-Air Activation
288.US.C1	09/702163	6282421	AT&T Wireless	United States	30-Oct-00	28-Aug-01	System and Method for Automatic Registration, Notification for Over-the-Air Activation
288.US.C1(1)	09/6996481		AT&T Wireless	United States	29-Jun-01		System and Method for Automatic Registration, Notification for Over-the-Air Activation
288.US.C1(2)	10/802492		AT&T Wireless	United States	16-Mar-04		System and Method for Automatic Registration, Notification for Over-the-Air Activation
289.BR	9706687		AT&T Wireless	Brazil	03-Oct-97		A Method and Apparatus for Over-the-Air Programming of Telecommunication Services
289.CA	2215821	2215821	AT&T Wireless	Canada	19-Sep-97	03-Jul-01	A Method and Apparatus for Over-the-Air Programming of Telecommunication Services
289.EPC	97117320.8	8353340	AT&T Wireless	European Patent Convention	07-Oct-97	23-Jun-04	A Method and Apparatus for Over-the-Air Programming of Telecommunication Services
289.EPC.D1	3023872.6		European Patent Convention	AT&T Wireless	16-Jan-98		Method and Apparatus for Updating Service Information Stored in a Mobile Station

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
289.EPC.D2	3026871.8		AT&T Wireless	European Patent Convention	07-Oct-97		Mobile Communication System and Method for Receiving Intelligent Roaming Information
289.JP	2753981997		AT&T Wireless	Japan	08-Oct-97		A Method and Apparatus for Over-the-Air Programming of Telecommunication Services
289.MX	977676	209518	AT&T Wireless	Mexico	06-Oct-97	07-Aug-02	A Method and Apparatus for Over-the-Air Programming of Telecommunication Services
289.NO	19974517		AT&T Wireless	Norway	30-Sep-97		A Method and Apparatus for Over-the-Air Programming of Telecommunication Services
289.TW	86114585	110299	AT&T Wireless	Taiwan	06-Oct-97	02-May-00	A Method and Apparatus for Over-the-Air Programming of Telecommunication Services
289.US	2001378	6122503	AT&T Wireless	United States	08-Oct-96	19-Sep-00	A Method and Apparatus for Over-the-Air Programming of Telecommunication Services
289.US.C1	09/213416	6456843	AT&T Wireless	United States	17-Dec-98	24-Sep-02	A Method and Apparatus for Over-the-Air Programming of Telecommunication Services
289.US.C1(1)	10/214315		AT&T Wireless	United States	08-Aug-02		A Method and Apparatus for Testing Cellular Services in a First Location From a Second Location Remote From the First Location
296.BR	1410934		AT&T Wireless	Brazil	17-Oct-97		

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
296.CA	2218667	2218667	AT&T Wireless	Canada	20-Oct-97	11-Sep-01	Method and Apparatus for Testing Cellular Services in a First Location From a Second Location Remote From the First Location
296.EPC	97117941.1		AT&T Wireless	European Patent Convention	16-Oct-97		Method and Apparatus for Testing Cellular Services in a First Location From a Second Location Remote From the First Location
296.JP	9-286313		AT&T Wireless	Japan	20-Oct-97		Method and Apparatus for Testing Cellular Services in a First Location From a Second Location Remote From the First Location
296.MX	978010	212232	AT&T Wireless	Mexico	17-Oct-97	18-Dec-02	Method and Apparatus for Testing Cellular Services in a First Location From a Second Location Remote From the First Location
296.NO	19974723		AT&T Wireless	Norway	13-Oct-97		Method and Apparatus for Testing Cellular Services in a First Location From a Second Location Remote From the First Location
296.TW	86115142	103067	AT&T Wireless	Taiwan	15-Oct-97	10-Sep-99	Method and Apparatus for Testing Cellular Services in a First Location From a Second Location Remote From the First Location
296.US	08734707	5875398	AT&T Wireless	United States	21-Oct-96	23-Feb-99	Method and Apparatus for Testing Cellular Services in a First Location From a Second Location Remote From the First Location
297.JP	517588/1998		AT&T Wireless	Japan	29-Sep-97		Improved Generation of Encryption Key
297.TW	86114466	103186	AT&T Wireless	Taiwan	03-Oct-97	13-Sep-99	Improved Generation of Encryption Key
297.US	08731105	5930362	AT&T Wireless	United States	09-Oct-96	27-Jul-99	Improved Generation of Encryption Key
298.TW	86114471	147691	AT&T Wireless	Taiwan	03-Oct-97	23-Apr-02	Mobile Network

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
298.US	1801591	5046615	AT&T Wireless	United States	08-Oct-96	31-Aug-99	Geographic Address Translation
299.CA	2257423	2257423	AT&T Wireless	Canada	06-May-97	23-Sep-03	Geographic Address Translation
299.CA.D1	2404922		AT&T Wireless	Canada	06-May-97		Registration of Mobile Packet Data Terminals After Disaster
299.EPC	97922676.8		AT&T Wireless	European Patent Convention	06-May-97		Registration of Mobile Packet Data Terminals After Disaster
299.JP	5015871998		AT&T Wireless	Japan	06-May-97		Registration of Mobile Packet Data Terminals After Disaster
299.MX	9810332	204997	AT&T Wireless	Mexico	06-May-97	06-May-97	Registration of Mobile Packet Data Terminals After Disaster
299.TW	88105439	102438	AT&T Wireless	Taiwan	14-May-97	16-Aug-99	Registration of Mobile Packet Data Terminals After Disaster
299.US	1992978	6157633	AT&T Wireless	United States	10-Jun-96	05-Dec-00	Registration of Mobile Packet Data Terminals After Disaster
299.US.D1	097289362	6771634	AT&T Wireless	United States	09-Apr-99	03-Aug-04	Registration of Mobile Packet Data Terminals After Disaster
300.BR	9800328-3		AT&T Wireless	Brazil	15-Jan-98		Method and Apparatus for Dynamic Negotiation of Protocols
300.CA	2227086	2227086	AT&T Wireless	Canada	15-Jan-98	19-Mar-02	Method and Apparatus for Dynamic Negotiation of Protocols
300.MX	980550	221563	AT&T Wireless	Mexico	19-Jan-98	23-Jul-04	Method and Apparatus for Dynamic Negotiation of Protocols
300.TW	87100792	NI-134707	AT&T Wireless	Taiwan	21-Jan-98	17-Oct-01	Method and Apparatus for Dynamic Negotiation of Protocols
300.US	-290885	6125122	AT&T Wireless	United States	21-Jan-97	26-Sep-00	Dynamic Protocol Negotiation System

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
300.US.C1	09/634573	61445716	AT&T Wireless	United States	08-Aug-00	03-Sep-02	Method and Apparatus for Dynamic Negotiation of Protocols
300.US.C1(1)	328443		AT&T Wireless	United States	18-Jul-02		Method and Apparatus for Dynamic Negotiation of Protocols
301.BR	1426882		AT&T Wireless	Brazil	24-Oct-97		A Method and Apparatus for Message Transmission Verification
301.CA	2218211	2218211	AT&T Wireless	Canada	14-Oct-97	06-Feb-01	A Method and Apparatus for Message Transmission Verification
301.EPC	97118527.7		AT&T Wireless	European Patent Convention	24-Oct-97		A Method and Apparatus for Message Transmission Verification
301.JP	9-280726		AT&T Wireless	Japan	23-Oct-97		A Method and Apparatus for Message Transmission Verification
301.MX	978066	206521	AT&T Wireless	Mexico	20-Oct-97	08-Feb-02	A Method and Apparatus for Message Transmission Verification
301.NO	19974771		AT&T Wireless	Norway	15-Oct-97		A Method and Apparatus for Message Transmission Verification
301.TW	86115452	108524	AT&T Wireless	Taiwan	20-Oct-97	09-Mar-00	A Method and Apparatus for Message Transmission Verification
301.US	08740277	5940740	AT&T Wireless	United States	25-Oct-96	17-Aug-99	A Method and Apparatus for Message Transmission Verification
301.US.C1	09215557	6219542	AT&T Wireless	United States	18-Dec-98	17-Apr-01	A Method and Apparatus for Message Transmission Verification
301.US.C1(1)	09/535340		AT&T Wireless	United States	24-Mar-00		Method and Apparatus for Message Transmission Verification
302.BR	9710456-6		AT&T Wireless	Brazil	24-Jun-97		Method for Categorization of Multiple Providers in a Wireless Communications Service Environment
302.CA	2259238	2259238	AT&T Wireless	Canada	24-Jun-97	25-Mar-03	Method for Categorization of Multiple Providers in a Wireless Communications Service Environment

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
302.EPC	97932289.8		AT&T Wireless	European Patent Convention	24-Jun-97		Method for Categorization of Multiple Providers in a Wireless Communications Service Environment
302.JP	5042701998		AT&T Wireless	Japan	24-Jun-97		Method for Categorization of Multiple Providers in a Wireless Communications Service Environment
302.MX	990222		AT&T Wireless	Mexico	24-Jun-97		Method for Categorization of Multiple Providers in a Wireless Communications Service Environment
302.TW	86108822	97738	AT&T Wireless	Taiwan	24-Jun-97	11-Mar-99	Method for Categorization of Multiple Providers in a Wireless Communications Service Environment
302.US	08/672908	6195532	AT&T Wireless	United States	28-Jun-96	27-Feb-01	Method for Categorization of Multiple Providers in a Wireless Communications Service Environment
302.US.C1	1066388	6377787	AT&T Wireless	United States	14-Jun-99	23-Apr-02	Method for Categorization of Multiple Providers in a Wireless Communications Service Environment
302.US.C2	10/099992		AT&T Wireless	United States	19-Mar-02		Method for Categorization of Multiple Providers in a Wireless Communications Service Environment
302.US.C3	mailed		AT&T Wireless	United States	27-Sep-04		Method for Categorization of Multiple Providers in a Wireless Communications Service Environment
303.CA	2294432	2294432	AT&T Wireless	Canada	12-Jun-98	30-Mar-04	Method of Intelligent Roaming Using Network Information
303.CA.D1	2444185		AT&T Wireless	Canada	12-Jun-98		Method of Intelligent Roaming Using Network Information
303.EPC	98929031.7		AT&T Wireless	European Patent Convention	12-Jun-98		Method of Intelligent Roaming Using Network Information
303.MX	9911892		AT&T Wireless	Mexico	12-Jun-98		Method of Intelligent Roaming Using Network Information

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
303.TW	87110178	110131	AT&T Wireless	Taiwan	24-Jun-98	26-Apr-00	Method of Intelligent Roaming Using Network Information
303.US	08/883111	6223042	AT&T Wireless	United States	26-Jun-97	24-Apr-01	Method and Apparatus for Serving Cell Code Assignment
305.BR	9800525-1		AT&T Wireless	Brazil	30-Jan-98		Method and Apparatus for Serving Cell Code Assignment
306.CA	2227138	2227138	AT&T Wireless	Canada	15-Jan-98	16-Sep-03	Method and Apparatus for Serving Cell Code Assignment
306.MX	980722		AT&T Wireless	Mexico	26-Jan-98		Method and Apparatus for Serving Cell Code Assignment
306.TW	87100967	111208	AT&T Wireless	Taiwan	23-Mar-98	29-May-00	Method and Apparatus for Serving Cell Code Assignment
306.US	1472506	6144851	AT&T Wireless	United States	31-Jan-97	07-Nov-00	Method of Mutual Authentication for Secure Wireless Service Provision
307.BR	1892355		AT&T Wireless	Brazil	18-Dec-97		Method of Mutual Authentication for Secure Wireless Service Provision
307.CA	2221665	2221665	AT&T Wireless	Canada	20-Nov-97	07-Jan-03	Method of Mutual Authentication for Secure Wireless Service Provision
307.MX	9710347	193809	AT&T Wireless	Mexico	18-Dec-97	22-Oct-99	Method of Mutual Authentication for Secure Wireless Service Provision
307.TW	86119522	110272	AT&T Wireless	Taiwan	22-Dec-97	01-May-00	Method of Mutual Authentication for Secure Wireless Service Provision
307.US	08777341	5875394	AT&T Wireless	United States	27-Dec-96	23-Feb-99	Method of Mutual Authentication for Secure Wireless Service Provision
308.BR	9706413-0		AT&T Wireless	Brazil	18-Dec-97		Method for Controlling Channel Re-Selection
308.CA	2221820	2221820	AT&T Wireless	Canada	20-Nov-97	30-Jul-02	Method for Controlling Channel Re-Selection
308.MX	9710341	199915	AT&T Wireless	Mexico	18-Dec-97	30-Nov-00	Method for Controlling Channel Re-Selection
308.TW	86119184	125235	AT&T Wireless	Taiwan	18-Dec-97	08-May-01	Method for Controlling Channel Re-Selection

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
308.US	08/772829	5995834	AT&T Wireless	United States	24-Dec-96	30-Nov-99	Method for Controlling Channel Re-Selection
308.US.C1	09/306760	6501951	AT&T Wireless	United States	07-May-99	31-Dec-02	Method for Controlling Channel Re-Selection
308.US.C1(1)	10/206963		AT&T Wireless	United States	30-Jul-02		Method for Controlling Channel Re-Selection
308.US.C1(2)	mailed		AT&T Wireless	United States	20-Aug-04		Method for Controlling Channel Re-Selection
312.BR	1892840		AT&T Wireless	Brazil	18-Dec-97		Method and Apparatus for Alerting a Station in One Network of a Requested Communication From a Second Network
312.CA	2221854	2221854	AT&T Wireless	Canada	20-Nov-97	18-Nov-03	Method and Apparatus for Alerting a Station in One Network of a Requested Communication From a Second Network
312.EPC	97309352.9		European Patent Convention		20-Nov-97		Method and Apparatus for Alerting a Station in One Network of a Requested Communication From a Second Network
312.JP	9-350412		AT&T Wireless	Japan	19-Dec-97		Method and Apparatus for Alerting a Station in One Network of a Requested Communication From a Second Network
312.MX	9710338	217407	AT&T Wireless	Mexico	18-Dec-97	07-Nov-03	Method and Apparatus for Alerting a Station in One Network of a Requested Communication From a Second Network
312.NO	19975936		AT&T Wireless	Norway	17-Dec-97		Method and Apparatus for Alerting a Station in One Network of a Requested Communication From a Second Network

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
312.TV	86119517	104929	AT&T Wireless	Taiwan	22-Dec-97	04-Dec-99	Method and Apparatus for Alerting a Station in One Network of a Requested Communication From a Second Network
312.US	08/777336	6230009	AT&T Wireless	United States	27-Dec-96	08-May-01	Method and Apparatus for Alerting a Station in One Network of a Requested Communication From a Second Network
312.US.C1	09/740181	6459897	AT&T Wireless	United States	18-Dec-00	01-Oct-02	Method and Apparatus for Alerting a Station in One Network of a Requested Communication From a Second Network
312.US.C1(1)	10/241432		AT&T Wireless	United States	12-Sep-02		Method of Wireless Retrieval of Information
313.BR	1893450		AT&T Wireless	Brazil	18-Dec-97		Method of Wireless Retrieval of Information
313.CA	2221666		AT&T Wireless	Canada	20-Nov-97		Method of Wireless Retrieval of Information
313.EPC	97121958.9		AT&T Wireless	European Patent Convention	12-Dec-97		Method of Wireless Retrieval of Information
313.JP	9-351020		AT&T Wireless	Japan	19-Dec-97		Method of Wireless Retrieval of Information
313.MX	9710240		AT&T Wireless	Mexico	17-Dec-97		Method of Wireless Retrieval of Information
313.NO	19975935		AT&T Wireless	Norway	17-Dec-97		Method of Wireless Retrieval of Information
313.TW	86119180	105649	AT&T Wireless	Taiwan	18-Dec-97	17-Dec-99	Method of Wireless Retrieval of Information
313.US	08/777333	6493430	AT&T Wireless	United States	24-Dec-96	10-Dec-02	Method of Wireless Retrieval of Information
313.US.R1	10/419098		AT&T Wireless	United States	09-Jun-03		Method and Apparatus for Data Network Call Processing
318.BR	1767500		AT&T Wireless	Brazil	03-Dec-97		

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
318.CA	2220707	2220707	AT&T Wireless	Canada	10-Nov-97	01-Jan-02	Method and Apparatus for Data Network Call Processing
318.EPC	97309093.9		AT&T Wireless	European Patent Convention	12-Nov-97		Method and Apparatus for Data Network Call Processing
318.JP	2306751		AT&T Wireless	Japan	05-Dec-97		Method and Apparatus for Data Network Call Processing
318.MX	979392	204379	AT&T Wireless	Mexico	02-Dec-97	26-Sep-01	Method and Apparatus for Data Network Call Processing
318.NO	19975612		AT&T Wireless	Norway	04-Dec-97		Method and Apparatus for Data Network Call Processing
318.TW	86118162	143991	AT&T Wireless	Taiwan	03-Dec-97	04-Mar-02	Method and Apparatus for Data Network Call Processing
318.US	087762550	6118778	AT&T Wireless	United States	09-Dec-96	12-Sep-00	Method and Apparatus for Data Network Call Processing
318.US.C1	09451401	6778527	AT&T Wireless	United States	30-Nov-99	17-Aug-04	Method and Apparatus for Data Network Call Processing
332.BR	9801486-2		AT&T Wireless	Brazil	27-May-98		A Method for Time-Stamping a Message Based on a Recipient Location
332.CA	2235979		AT&T Wireless	Canada	27-Apr-98		A Method for Time-Stamping a Message Based on a Recipient Location
332.EPC	98304082.5		AT&T Wireless	European Patent Convention	22-May-98		Method for Time-Stamping a Message Based on a Recipient Location
332.JP	10-145288		AT&T Wireless	Japan	27-May-98		A Method for Time-Stamping a Message Based on a Recipient Location
332.MX	984246	219273	AT&T Wireless	Mexico	28-May-98	04-Mar-04	Method for Time-Stamping a Message Based on a Recipient Location

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
332.NO	19982385	316993	AT&T Wireless	Norway	26-May-98	19-Jul-04	A Method for Time-Stamping a Message Based on a Recipient Location
332.TW	87108312	111946	AT&T Wireless	Taiwan	28-May-98	13-Jun-00	Method for Time-Stamping a Message Based on a Recipient Location
332.US	08/868401	6239719	AT&T Wireless	United States	03-Jun-97	29-May-01	Method for Time-Stamping a Message Based on a Recipient Location
332.US.C1	09/825894		AT&T Wireless	United States	05-Apr-01		Method and System for Providing Data Communication With a Mobile Station
333.BR	9806495-9		AT&T Wireless	Brazil	28-May-98		Method and System for Providing Data Communication With a Mobile Station
333.CA	2236231	2236231	AT&T Wireless	Canada	30-Apr-98	30-Oct-01	Method and System for Providing Data Communication With a Mobile Station
333.DE	98304081.7	69817086.5	AT&T Wireless	Germany	22-May-98	13-Aug-03	Method and System for Providing Data Communication With a Mobile Station
333.EP.C	98304081.7	883313	AT&T Wireless	European Patent Convention	22-May-98	13-Aug-03	Method and System for Providing Data Communication With a Mobile Station
333.FI	98304081.7	883313	AT&T Wireless	Finland	22-May-98	13-Aug-03	Method and System for Providing Data Communication With a Mobile Station
333.FR	98304081.7	883313	AT&T Wireless	France	22-May-98	13-Aug-03	Method and System for Providing Data Communication With a Mobile Station
333.GB	98304081.7	883313	AT&T Wireless	Great Britain	22-May-98	13-Aug-03	Method and System for Providing Data Communication With a Mobile Station
333.JP	1540831/998		AT&T Wireless	Japan	03-Jun-98		Method and System for Providing Data Communication With a

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
333.MX	984353	212436	AT&T Wireless	Mexico	01-Jun-98	08-Jan-03	Method and System for Providing Data Communication With a Mobile Station
333.NO	19982384		AT&T Wireless	Norway	26-May-98		Method and System for Providing Data Communication With a Mobile Station
333.SE	98304081.7	803313	AT&T Wireless	Sweden	22-May-98	13-Aug-03	Method and System for Providing Data Communication With a Mobile Station
333.TW	87108311	123686	AT&T Wireless	Taiwan	28-May-98	17-Apr-01	Method and System for Providing Data Communication With a Mobile Station
333.US	08/868350	6393014	AT&T Wireless	United States	03-Jun-97	21-May-02	Method and System for Providing Data Communication With a Mobile Station
333.US.C1	10/120548		AT&T Wireless	United States	12-Apr-02		Method and System for Providing Data Communication With a Mobile Station
333.US.C1(1)	mailed		AT&T Wireless	United States	10-Sep-04		Method and System for Providing Data Communication With a Mobile Station
334.BR	9801221-5		AT&T Wireless	Brazil	31-Mar-98		System and Method for Processing Dropped Calls
334.CA	2231938	2231938	AT&T Wireless	Canada	12-Mar-98	30-Oct-01	System and Method for Processing Dropped Calls
334.EPC	98302011.6		AT&T Wireless	European Patent Convention	18-Mar-98		System and Method for Processing Dropped Calls
334.JP	96520/1998		AT&T Wireless	Japan	09-Apr-98		System and Method for Processing Dropped Calls
334.MX	982578		AT&T Wireless	Mexico	02-Apr-98		System and Method for Processing Dropped Calls

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
334.NO	19981596		AT&T Wireless	Norway	07-Apr-98		System and Method for Processing Dropped Calls
334.TW	87105092	111939	AT&T Wireless	Taiwan	03-Apr-98	13-Jun-00	System and Method for Processing Dropped Calls
336.US	08/902373	6314303	AT&T Wireless	United States	29-Jul-97	06-Nov-01	Apparatus for Providing Enhanced Functionality to a Mobile Station
340.US	08/996764	6477376	AT&T Wireless	United States	23-Dec-97	05-Nov-02	Method for Designing Wireless Communications Cell Sites Using Uplink Parameters
342.US	08/996486	6603966	AT&T Wireless	United States	23-Dec-97	05-Aug-03	A Method and System for Optimizing Performance of a Mobile Communications System
342.US.C1	10/307668		AT&T Wireless	United States	02-Dec-02		A Method and System for Optimizing Performance of a Mobile Communications System
346.US	08/839582	6014559	AT&T Wireless	United States	10-Apr-97	11-Jan-00	Method and System for Delivering a Voice Mail Notification to a Private Base Station Using Cellular Phone Network
347.US	66689		AT&T Wireless	United States	04-Dec-97		Method and Apparatus for Voice Mail Sharing Between Wired and Wireless Telephones
352.BR	9801756-0		AT&T Wireless	Brazil	02-Jun-98		Method for Locating a Mobile Station
352.CA	22335982	22335982	AT&T Wireless	Canada	27-Apr-98	29-Jun-04	Method for Locating a Mobile Station
352.MX	984355	207198	AT&T Wireless	Mexico	01-Jun-98	14-Mar-02	A Method for Locating a Mobile Station
352.TW	87108313	116657	AT&T Wireless	Taiwan	28-May-98	24-Oct-00	A Method for Locating a Mobile Station
352.US	08/968402	6167274	AT&T Wireless	United States	03-Jun-97	26-Dec-00	Method for Locating a Mobile Station
353.CA	2275186	2275186	AT&T Wireless	Canada	14-Oct-98	16-Dec-03	Customized On-Line User Guide
353.EPC	98953442.5		European Patent Convention	14-Oct-98			Customized On-Line User Guide

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
353.JP	3228		AT&T Wireless	Japan	14-Oct-98		Customized On-Line User Guide
353.MX	995662		AT&T Wireless	Mexico	14-Oct-98		Customized On-Line User Guide
353.US	081956130	6400940	AT&T Wireless	United States	22-Oct-97	04-Jun-02	Customized On-Line User Guide
353.US.C1	10108275	6795702	AT&T Wireless	United States	26-Mar-02	21-Sep-04	Customized On-Line User Guide
356.CA	2272054		AT&T Wireless	Canada	20-Oct-98		A Method and Apparatus for Filtering Packets Using a Dedicated Processor
356.US	081956993	6092110	AT&T Wireless	United States	23-Oct-97	18-Jul-00	Apparatus for Filtering Packets Using a Dedicated Processor
356.US.C1	091580204	6647418	AT&T Wireless	United States	26-May-00	11-Nov-03	Method and Apparatus for Filtering Packets Using a Dedicated Processor
356.US.C1(1)	101673439		AT&T Wireless	United States	30-Sep-03		Method and Apparatus for Filtering Packets Using a Dedicated Processor
357.BR	9801993		AT&T Wireless	Brazil	10-Jun-98		Method and Apparatus for Filtering Packets Using a Dedicated Processor
357.EPC	98304042.9		AT&T Wireless	European Patent Convention	21-May-98		Method and Apparatus for Filtering Packets Using a Dedicated Processor
357.JP	10-158792		AT&T Wireless	Japan	08-Jun-98		User Assisted Wireless Fraud Detection
357.MX	984569		AT&T Wireless	Mexico	08-Jun-98		User Assisted Wireless Fraud Detection
357.NO	19982603		AT&T Wireless	Norway	05-Jun-98		User Assisted Wireless Fraud Detection
357.TV	87109176	110725	AT&T Wireless	Taiwan	09-Jun-98	12-May-00	User Assisted Wireless Fraud Detection
365.BR	9801220-7		AT&T Wireless	Brazil	31-Mar-98		System and Method for Processing Dropped Calls
365.CA	2231932	2231932	AT&T Wireless	Canada	12-Mar-98	06-Nov-01	System and Method for Processing Dropped Calls
365.EPC	98302012.4		AT&T Wireless	European Patent Convention	18-Mar-98		System and Method for Processing Dropped Calls

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
365.JP	95519/1998		AT&T Wireless	Japan	09-Apr-98		System and Method for Processing Dropped Calls
365.MX	982579		AT&T Wireless	Mexico	02-Apr-98		System and Method for Processing Dropped Calls
365.NO	19981595		AT&T Wireless	Norway	07-Apr-98		System and Method for Processing Dropped Calls
365.SE	98302012.4		AT&T Wireless	Sweden	18-Mar-98		System and Method for Processing Dropped Calls
365.TW	87105091	108902	AT&T Wireless	Taiwan	03-Apr-98	27-Mar-00	System and Method for Processing Dropped Calls
365.US	08/338659	5995830	AT&T Wireless	United States	09-Apr-97	30-Nov-99	System and Method for Processing Dropped Calls
373.US	1710280	6201797	AT&T Wireless	United States	12-Dec-97	13-Mar-01	High Bandwidth Delivery and Internet Access for Airborne Passengers
373.US.R1	10/389010		AT&T Wireless	United States	13-Mar-03		High Bandwidth Delivery and Internet Access for Airborne Passengers
391.US	866601		AT&T Wireless	United States	17-Aug-98		A Method and Apparatus for Determining Billing Rates for Communication Services
392.US	850164	6188897	AT&T Wireless	United States	17-Aug-98	13-Feb-01	Mobile Station Roaming in a Multiple Service Provider Area
392.US.C1	2132166	6470182	AT&T Wireless	United States	15-Sep-00	22-Oct-02	Mobile Station Roaming in a Multiple Service Provider Area
394.US	08/997085	6704565	AT&T Wireless	United States	23-Dec-97	09-Mar-04	Method and Apparatus for Providing a Hold Termination Message Service in a Communications Network
402.CA	2254393	2254393	AT&T Wireless	Canada	24-Nov-98	26-Feb-02	Method and Apparatus for Providing Calling Number Identification Alias in a Communications System
402.DE	98123490.9	69800769	AT&T Wireless	Germany	14-Dec-98	09-May-01	Method and Apparatus for Providing Calling Number Identification Alias in a Communications System

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
402.EPC	98123490.9	926910	AT&T Wireless	European Patent Convention	14-Dec-98	09-May-01	Method and Apparatus for Providing Calling Number Identification Alias in a Communications System
402.FR	98123490.9	926910	AT&T Wireless	France	14-Dec-98	09-May-01	Method and Apparatus for Providing Calling Number Identification Alias in a Communications System
402.GB	98123490.9	926910	AT&T Wireless	Great Britain	14-Dec-98	09-May-01	Method and Apparatus for Providing Calling Number Identification Alias in a Communications System
402.MX	9810631	209390	AT&T Wireless	Mexico	14-Dec-98	31-Jul-02	Method and Apparatus for Providing Calling Number Identification Alias in a Communications System
402.US.C1	10/188521	6662006	AT&T Wireless	United States	02-Jul-02	09-Dec-03	Method and Apparatus for Providing Calling Number Identification Alias in a Communications System
405.CA	2255475		AT&T Wireless	Canada	10-Dec-98		Methods and Systems for Managing the Routing of Packets Over a Hybrid Network
405.EPC	98124229		AT&T Wireless	European Patent Convention	17-Dec-98		Methods and Systems for Managing the Routing of Packets Over a Hybrid Network
405.MX	9810839		AT&T Wireless	Mexico	16-Dec-98		Methods and Systems for Managing the Routing of Packets Over a Hybrid Network
405.US	08/994831		AT&T Wireless	United States	19-Dec-97		Methods and Systems for Managing the Routing of Packets Over a Hybrid Network
405.US.C1	10/017042		AT&T Wireless	United States	14-Dec-01		Methods and Systems for Managing the Routing of Packets Over a Hybrid Network
408.US.C1	1918499	6650897	AT&T Wireless	United States	21-Nov-01	18-Nov-03	Aircraft Cockpit Telephony
411.CA	2272056	2272056	AT&T Wireless	Canada	20-Oct-98	23-Sep-03	A Method and Apparatus for Updating Address Lists

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
							for a Packet Filter Processor
411.US	08/956990	6158008	AT&T Wireless	United States	23-Oct-97	05-Dec-00	Method and Apparatus for Updating Address Lists for a Packet Filter Processor
412.US	868062	6580914	AT&T Wireless	United States	17-Aug-98	17-Jun-03	Method and Apparatus for Automatically Providing Location-Based Information Content on a Wireless Device
414.US	09/207370	6427071	AT&T Wireless	United States	08-Dec-98	30-Jul-02	Apparatus and Method for Providing Transporting for a Control Signal
416.US	772368	6256735	AT&T Wireless	United States	17-Aug-98	03-Jul-01	Method and Apparatus for Limiting Access to Network Elements
416.US.C1	09/839113	6334188	AT&T Wireless	United States	23-Apr-01	25-Dec-01	Method and Apparatus for Limiting Access to Network Elements
422.US	09/474138		AT&T Wireless	United States	29-Dec-99		System and Method for Integrating Call Delivery for Fixed-Line and Mobility Services
423.EPC	1973089.4		AT&T Wireless	European Patent Convention	18-Sep-01		Method and System for Remote Call Forwarding of Telephone Calls From an IP Connection
423.JP	2002-5227188		AT&T Wireless	Japan	18-Mar-03		Method and System for Remote Call Forwarding of Telephone Calls From an IP Connection
423.PCT.CP1	PCT/US01/29029		Patent Cooperation Treaty		18-Sep-01		Method and System for Remote Call Forwarding of Telephone Calls From an IP Connection
423.US	09/010616	6141545	AT&T Wireless	United States	22-Jan-98	31-Oct-00	Method and System for Remote Call Forwarding of Telephone Calls From a Cellular Phone
423.US.C1	10/426046		AT&T Wireless	United States	29-Apr-03		Method and System for Remote Call Forwarding of Telephone Calls From a Cellular Phone

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
423.US.CP1	2667977	6571094	AT&T Wireless	United States	18-Sep-00	27-May-03	Method and System for Remote Call Forwarding of Telephone Calls From an IP Connection
424.US	09/315087	6529726	AT&T Wireless	United States	19-May-99	04-Mar-03	Method of Notifying a Wireless Subscriber as to Call Payment Responsibilities
424.US.C1	1371396		AT&T Wireless	United States	10-Oct-02		Method of Notifying a Wireless Subscriber as to Call Pending Responsibilities
425.US.C1	09/648947		AT&T Wireless	United States	25-Aug-00		Aircraft Cabin Telephony Test Unit
427.US	2152224	5970722	AT&T Wireless	United States	22-Sep-95	09-Feb-99	Apparatus and Method for Batch Processing of Wireless Financial Transactions
428.US	252994		AT&T Wireless	United States	11-Jun-99		Method for Providing Alternative Network- Associated Service Address Mobile Registration
428.US.C1	10/884986		AT&T Wireless	United States	07-Jul-04		Method for Providing Alternative Network- Associated Service Address Mobile Registration
429.US	09/315088		AT&T Wireless	United States	19-May-99		Method and Apparatus for Providing Centralized URL Authorization
430.US.C1	2265114	6775544	AT&T Wireless	United States	10-Aug-01	10-Aug-04	Automatic Diagnostic for Detection of Interference in Wireless Communication System
431.US	09/314330		AT&T Wireless	United States	19-May-99		System for Securing Inbound and Outbound Data Packet Flow in a Computer Network
433.US	2151858	5907801	AT&T Wireless	United States	22-Sep-95	25-May-99	Apparatus and Method for Optimizing Wireless Financial Transactions

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
437.US	091479066		AT&T Wireless	United States	07-Jan-00		System and Method for the Use of Digital Traffic Channels in IS-136 Networks for Transmission of R-Data Packets
439.US	091489152	6575211	AT&T Wireless	United States	21-Jan-00	06-Jan-04	System and Method for Adjusting the Traffic Carried by a Network
439.US.C1	975473		AT&T Wireless	United States	03-Dec-03		System and Method for Adjusting the Traffic Carried by a Network
440.US	09/386762	6528194	AT&T Wireless	United States	31-Aug-99	30-Sep-03	Filtered In-Box for Voice Mail, E-Mail, Pages, Web-Based Information, and Faxes
440.US.C1	10/644641		AT&T Wireless	United States	19-Aug-03		Filtered In-Box for Voice Mail, E-Mail, Pages, Web-Based Information, and Faxes
442.US.D2	09/647299	5591410	AT&T Wireless	United States	09-May-96	23-Nov-99	Wireless Adaptor and Wireless Financial Transaction System
443.US	09/802872		AT&T Wireless	United States	12-Mar-01		Method and Apparatus for Providing Enhanced Services at a Mobile Communication Device
444.US	09/427417	6584321	AT&T Wireless	United States	27-Oct-99	24-Jun-03	Method and Apparatus for Wireless Data Services Over a Selected Bearer Service
444.US.C1	454817		AT&T Wireless	United States	10-Jun-03		Method and Apparatus for Wireless Data Services Over a Selected Bearer Service
445.US	2026245		AT&T Wireless	United States	17-Jun-99		System and Method for Outbox-Capable Wireless Transmission
446.BR	147314		AT&T Wireless	Brazil	04-Jul-00		Method for Contacting a Subscriber to Multiple Wireless Bearer Services
446.CA	2313547		AT&T Wireless	Canada	07-Jul-00		Method for Contacting a Subscriber to Multiple Wireless Bearer Services

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
446.EPC	305600.9		AT&T Wireless	European Patent Convention	03-Jul-00		Method for Contacting a Subscriber to Multiple Wireless Bearer Services
446.JP	2000-207053		AT&T Wireless	Japan	07-Jul-00		Method for Contacting a Subscriber to Multiple Wireless Bearer Services
446.US	09/353241	6480720	AT&T Wireless	United States	14-Jul-99	12-Nov-02	Method for Contacting a Subscriber to Multiple Wireless Bearer Services
447.US	457161	5611176	AT&T Wireless	United States	01-Jun-95	18-Mar-97	Antenna Support Structure (utility)
448.US	43471	D398612	AT&T Wireless	United States	13-Sep-95	22-Sep-98	Antenna Support Structure (design)
451.US.C1	09/628980	6775270	AT&T Wireless	United States	11-Feb-00	10-Aug-04	Method for Diverting an ISUP Talkpath to an IP Talkpath
451.US.C1(1)	6330567		AT&T Wireless	United States	02-Mar-04		Method for Diverting an ISUP Talkpath to an IP Talkpath
452.BR	213517		AT&T Wireless	Brazil	22-May-00		Method for Automatically Programming a Wireless Telephone With a Voice Mail System Access Number
452.CA	2309406		AT&T Wireless	Canada	24-May-00		Method for Automatically Programming a Wireless Telephone With a Voice Mail System Access Number
452.EPC	302848.7		AT&T Wireless	European Patent Convention	04-Apr-00		Method for Automatically Programming a Wireless Telephone With a Voice Mail System Access Number
452.JP	2000-157517		AT&T Wireless	Japan	29-May-00		Method for Automatically Programming a Wireless Telephone With a Voice Mail System Access Number
452.KR	10-2000-0030359		AT&T Wireless	South Korea	02-Jun-00		Method for Automatically Programming a Wireless Telephone With a Voice Mail System Access

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
							Number
452.TW	89110400	146948	AT&T Wireless	Taiwan	29-May-00	12-Apr-02	Method for Automatically Programming a Wireless Telephone With a Voice Mail System Access Number
452.US	09324486	6498930	AT&T Wireless	United States	02-Jun-99	24-Dec-02	Method for Automatically Programming a Wireless Telephone With a Voice Mail System Access Number
454.PCT.CP1	PCT/US02/19336		AT&T Wireless	Patent Cooperation Treaty	19-Jun-02		Aircraft Data Communications Services for Users
454.PCT.CP2	PCT/US02/19337		AT&T Wireless	Patent Cooperation Treaty	19-Jun-02		Aircraft Data Services System and Method for Communication Between Airborne and Ground-Based Entities
454.US	09312011	6760778	AT&T Wireless	United States	14-May-99	06-Jul-04	Aircraft Data Communications Services for Users
454.US.CP1	091884724		AT&T Wireless	United States	19-Jun-01		Aircraft Data Services
454.US.CP2	091884730		AT&T Wireless	United States	19-Jun-01		Method and Apparatus for Data Communication Utilizing the North American Terrestrial System
454.US.D1	101819944		AT&T Wireless	United States	08-Apr-04		Method of Apparatus for Use in Forwarding Calls Intended for Roaming Subscriber Units
455.US	091476461		AT&T Wireless	United States	30-Dec-99		Floating Intrusion Detection Platforms
459.EPC	1304493.8		AT&T Wireless	European Patent Convention	22-May-01		Floating Intrusion Detection Platforms
459.US	091580689		AT&T Wireless	United States	30-May-00		E-Mail Usage Pattern Detection
463.US	091356974	6507866	AT&T Wireless	United States	19-Jul-99	14-Jan-03	

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
470.US	650743		AT&T Wireless	United States	28-Nov-00		Testing Methods and Apparatus for Wireless Communications
472.US	09/745268		AT&T Wireless	United States	21-Dec-00		Monitoring Network Performance Using Individual Cell Phone Location & Performance Information
474.CA	2314855		AT&T Wireless	Canada	02-Aug-00		Method and Apparatus for Use in Providing a Discounted Call Rate for Wireless Communications
474.EPC	116197.5		AT&T Wireless	European Patent Convention	02-Aug-00		Method and Apparatus for Use in Providing a Discounted Call Rate for Wireless Communications
474.HK	1109003.5		AT&T Wireless	Hong Kong	21-Dec-01		Method and Apparatus for Use in Providing a Discounted Call Rate for Wireless Communications
474.JP	2000-238722		AT&T Wireless	Japan	07-Aug-00		Method and Apparatus for Use in Providing a Discounted Call Rate for Wireless Communications
474.US	09/557381	6640096	AT&T Wireless	United States	25-Apr-00	28-Oct-03	Method and Apparatus for Use in Providing a Discounted Call Rate for Wireless Communications
475.BR	143329		AT&T Wireless	Brazil	05-May-00		Method for Registering With a Communication Service
475.CA	2305971	2305971	AT&T Wireless	Canada	19-Apr-00	16-Mar-04	Method for Registering With a Communication Service
475.EPC	302020.3		AT&T Wireless	European Patent Convention	13-Mar-00		Method for Registering With a Communication Service
475.JP	2000-127609		AT&T Wireless	Japan	27-Apr-00		Method for Registering With a Communication Service
475.TW	89108248		AT&T Wireless	Taiwan	01-May-00		Method for Registering With a Communication Service

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
475.US	09306761		AT&T Wireless	United States	07-May-99		Method for Registering With a Communication Service
475.US.C1	101890298		AT&T Wireless	United States	14-Jul-04		Method for Registering With a Communication Service
481.US	09615485	6577723	AT&T Wireless	United States	13-Jul-00	10-Jun-03	Application of TCAP Criteria in SCCP Routing
483.US	-176167		AT&T Wireless	United States	07-Jun-00		System and Method of Using Local Number Portability (LNP) to Redirect Terminating Calls to a Service Node
488.PCT	PCT/US02/21308		AT&T Wireless	Patent Cooperation Treaty	31-Jul-02		Attribute Rule Enforcer for a Directory
488.US	588650		AT&T Wireless	United States	01-Aug-01		Attribute Rule Enforcer for a Directory
490.CA	2463700		AT&T Wireless	Canada	20-Dec-01		Methods and Systems for Communicating and Controlling Facsimile Information
490.PCT	PCT/US01/149729		AT&T Wireless	Patent Cooperation Treaty	20-Dec-01		Methods and Systems for Communicating and Controlling Facsimile Information
490.US	09745209		AT&T Wireless	United States	21-Dec-00		Methods and Systems for Communicating and Controlling Facsimile Information
490.US.C1	mailed		AT&T Wireless	United States	17-Sep-04		Methods and Systems for Communicating and Controlling Facsimile Information
491.AR	10104905		AT&T Wireless	Argentina	18-Oct-01		Method of Sharing Revenue for Transmission of Wireless Data From a Vehicle
491.PCT	PCT/US01/50369		AT&T Wireless	Patent Cooperation Treaty	19-Oct-01		A Method of Sharing Revenue for Transmission of Wireless Data From a Vehicle

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
491.VZ	2206-2001	AT&T Wireless	Venezuela	18-Oct-01			Method of Sharing Revenue for Transmission of Wireless Data From a Vehicle
493.US	2578858	AT&T Wireless	United States	20-Dec-99			System and Method for Automatically Transferring a Call From a First Telephone to a Designated Telephone in Close Proximity
494.US	2557308	AT&T Wireless	United States	20-Dec-99			System and Method for Using a Short-Range Radio Link to Directly Communicate Between Telephones Connected Through a Primary Communications Network
497.US	09/688401	AT&T Wireless	United States	16-Oct-00			Telematics Services System Using Vehicle Electronics for Memory and I/O Functions
498.US	09/739044	AT&T Wireless	United States	18-Dec-00			Methods and Systems for Using Network Capabilities to Correct Phone Displays
499.US	311432	AT&T Wireless	United States	28-Nov-00			Multiple Handset Cradle Assembly
501.US	-266747	AT&T Wireless	United States	10-May-01			Methods and Systems for Audio Distribution Over Aircraft Telecommunications Wiring
503.US	09/707671	AT&T Wireless	United States	07-Nov-00			Activation and Remote Modification of Wireless Services in a Packet Network Context
504.US	09/703858	AT&T Wireless	United States	01-Nov-00			A Method for Programming a Mobile Station Using a Permanent Mobile Station Identifier
506.EPC	2734147.8	European Patent Convention		03-May-02			Method and Apparatus for Providing Personal Audio Alert, Messaging for Audio Alerting Capable Terminals

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
506.PCT	PCT/US02/13904		AT&T Wireless	Patent Cooperation Treaty	03-May-02		Method and Apparatus for Providing Personal Audio Alert Messaging for Audio Alerting Capable Terminals
506.US	09/899956		AT&T Wireless	United States	06-Jul-01		Personal Audio Alert Message for Audio Alerting Capable Terminal
507.US	577934		AT&T Wireless	United States	31-Jul-01		Method and Apparatus for Providing Interactive Text Messages During a Voice Call
513.EPC	1111280.2		AT&T Wireless	European Patent Convention	16-May-01		Method and Systems for Managing Customizable Content on Wireless Data Devices
513.JP	2001-146263		AT&T Wireless	Japan	16-May-01		Method and Systems for Managing Customizable Content on Wireless Data Devices
513.US	372427	6603984	AT&T Wireless	United States	14-May-01	05-Aug-03	Methods and Systems for Managing Information on Wireless Data Devices
517.PCT	PCT/US02/18511		AT&T Wireless	Patent Cooperation Treaty	12-Jun-02		Using Wireless Cookies to Deliver Network-Based Location Information
517.US	09/879351		AT&T Wireless	United States	12-Jun-01		Using Wireless Cookies to Deliver Network-Based Location Information
519.US	09/867989		AT&T Wireless	United States	30-May-01		System and Method of Providing Public Voicemail Service to Private Network Subscribers
520.AR	10105179		AT&T Wireless	Argentina	05-Nov-01		System and Method for Using a Temporary Electronic Serial Number for Over-the-Air Activation of a Mobile Device
520.BR	PI0105120-2		AT&T Wireless	Brazil	07-Nov-01		System and Method for Using a Temporary Electronic Serial Number for Over-the-Air Activation of a Mobile Device

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
520.CA	2358175		AT&T Wireless	Canada	03-Oct-01		System and Method for Using a Temporary Electronic Serial Number for Over-the-Air Activation of a Mobile Device
520.EPC	1994191.3		AT&T Wireless	European Patent Convention	07-Nov-01		System and Method for Using a Temporary Electronic Serial Number for Over-the-Air Activation of a Mobile Device
520.JP	2002-558719		AT&T Wireless	Japan	07-Nov-01		System and Method for Using a Temporary Electronic Serial Number for Over-the-Air Activation of a Mobile Device
520.MX	PA/A/2001/011175		AT&T Wireless	Mexico	01-Nov-01		System and Method for Using a Temporary Electronic Serial Number for Over-the-Air Activation of a Mobile Device
520.PCT	PCT/US01/47711		AT&T Wireless	Patent Cooperation Treaty	07-Nov-01		System and Method for Using a Temporary Electronic Serial Number for Over-the-Air Activation of a Mobile Device
520.US	09707593	6591098	AT&T Wireless	United States	07-Nov-00	08-Jul-03	System and Method for Using a Temporary Electronic Serial Number for Over-the-Air Activation of a Mobile Device
520.US.C1	101409770		AT&T Wireless	United States	08-Apr-03		System and Method for Using a Temporary Electronic Serial Number for Over-the-Air Activation of a Mobile Device
520.VZ	2001-002318		AT&T Wireless	Venezuela	05-Nov-01		System and Method for Using a Temporary Electronic Serial Number for Over-the-Air Activation of a Mobile Device
525.PCT	PCT/US02/18612		AT&T Wireless	Patent Cooperation Treaty	12-Jun-02		Using a Wireless Cookie to Deliver Mobile-Based Location Information

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
525.US	09/879349		AT&T Wireless	United States	12-Jun-01		Using a Wireless Cookie to Deliver Mobile-Based Location Information
527.CA	2428440		AT&T Wireless	Canada	16-Nov-01		A Short Message Point-to-Point Protocol Gateway Having a Standard Interface
527.EPC	1994087.3		AT&T Wireless	European Patent Convention	16-Nov-01		An SMPP Gateway Having a Standard Interface
527.PCT	PCT/US01/43671		AT&T Wireless	Patent Cooperation Treaty	16-Nov-01		An SMPP Gateway Having a Standard Interface
527.US1	09/714036		AT&T Wireless	United States	16-Nov-00		An SMPP Gateway Having a Standard Interface
527.US2	09/714035		AT&T Wireless	United States	17-Nov-00		Method of Delivering Short Messages Using an SMPP Gateway With a Standard Interface
527.US3	09/714034		AT&T Wireless	United States	17-Nov-00		Method of Binding to a SMPP Gateway
527.US4	09/714033		AT&T Wireless	United States	17-Nov-00		A System and Method for Performing Anti-Spam Control Using a SMPP Gateway
527.US5	09/714032		AT&T Wireless	United States	17-Nov-00		A System and Method for Performing Throttle Control in a SMPP Gateway
527.US6	09/714031		AT&T Wireless	United States	16-Nov-00		A System and Method of Performing Flow Control in a SMPP Gateway
528.PCT	PCT/US02/11450		AT&T Wireless	Patent Cooperation Treaty	12-Apr-02		Scrolling Display for Mobile Telephone Text Messaging
528.US	10/120475	6729033	AT&T Wireless	United States	10-Apr-02	28-Sep-04	Scrolling Display for Mobile Telephone Text Messaging
530.US	09/968528		AT&T Wireless	United States	02-Oct-01		Network Access Using Network Identification
531.AR	10104906		AT&T Wireless	Argentina	18-Oct-01		Shared-Revenue Billing System for Transmission of

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
531.EPC	1987994.9		AT&T Wireless	European Patent Convention	19-May-03		Wireless Data From a Vehicle
531.PCT	PCT/US01/50164		AT&T Wireless	Patent Cooperation Treaty	19-Oct-01		Apparatus and Method for Monitoring a Wireless Device Associated With a Vehicle
531.US	09/691798	6751475	AT&T Wireless	United States	19-Oct-00	15-Jun-04	Shared-Revenue Billing System for Transmission of Wireless Data from a Vehicle
531.US.C1	10/0862773		AT&T Wireless	United States	07-Jun-04		Shared-Revenue Billing System for Transmission of Wireless Data from a Vehicle
531.US.C2	mailed		AT&T Wireless	United States	06-Jul-04		Methods and Systems for Monitoring Data Communication of a Wireless Device Associated with a Vehicle or Other Device
531.US.CP1	10/0885427		AT&T Wireless	United States	06-Jul-04		Methods and Systems for Monitoring Data Communication of a Wireless Device Associated with a Vehicle
531.VZ	2205-2001		AT&T Wireless	Venezuela	18-Oct-01		Shared-Revenue Billing System for Transmission of Wireless Data From a Vehicle
532.PCT	PCT/US02/21073		Patent Cooperation Treaty		03-Jul-02		Method and System for Audibly Announcing an Indication of an Identity of a Sender of a Communication
532.US	09/899963	6570983	AT&T Wireless	United States	06-Jul-01	27-May-03	Method and System for Audibly Announcing an Indication of an Identity of a Sender of a Communication

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
533.US	09/742313	AT&T Wireless	United States	21-Dec-00			Location Information Erase on SIM Cards
535.AR	10105972	AT&T Wireless	Argentina	19-Dec-01			Prepaid Phone Service for Both Wired and Wireless Telecommunication Devices
535.CL	3117-2001	AT&T Wireless	Chile	20-Dec-01			Prepaid Phone Service for Both Wired and Wireless Telecommunication Devices
535.EPC	1991484.5	AT&T Wireless	European Patent Convention	21-Dec-01			Prepaid Phone Service for Both Wired and Wireless Telecommunication Devices
535.PCT	PCT/US01/49803	AT&T Wireless	Patent Cooperation Treaty	21-Dec-01			Prepaid Phone Service for Both Wired and Wireless Telecommunication Devices
535.US	09/742924	AT&T Wireless	United States	21-Dec-00	04-Mar-03		Prepaid Phone Service for Both Wired and Wireless Telecommunication Devices
535.US.C1	10/322218	AT&T Wireless	United States	17-Dec-02			Prepaid Phone Service for Both Wired and Wireless Telecommunication Devices
536.PCT	PCT/US01/31205	AT&T Wireless	Patent Cooperation Treaty	03-Oct-01			Sharing of Wireless Telephone Services for a Personal Wireless Telephone and a Vehicular Wireless Telephone
536.US	09/971080	AT&T Wireless	United States	03-Oct-01			Sharing of Wireless Telephone Services for a Personal Wireless Telephone and a Vehicular Wireless Telephone
539.US	09/752487	AT&T Wireless	United States	29-Dec-00			Intelligent Network Selection Based on Quality of Service and Applications Over Different Wireless Networks
540.US	2414133	AT&T Wireless	United States	15-Nov-01			Operations, Administration and Maintenance of Components in a Mobility

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
541.CA	2417028		AT&T Wireless	Canada	22-Jan-03		Network Message Delivery
541.US	10347504		AT&T Wireless	United States	17-Jan-03		Inter-Carrier Sort Text Message Delivery
542.US	10024633		AT&T Wireless	United States	19-Dec-01		Inter-Carrier Sort Text Message Delivery
543.AR	10105421		AT&T Wireless	Argentina	20-Nov-01		Quick SMS Reply
543.CL	2820-2001		AT&T Wireless	Chile	20-Nov-01		Methods and Systems for Providing Application Level Presence Information in Wireless Communication
543.EPC	1997932.7		AT&T Wireless	European Patent Convention	20-Nov-01		Methods and Systems for Providing Application Level Presence Information in Wireless Communication
543.PCT	PCT/US01/43228		AT&T Wireless	Patent Cooperation Treaty	20-Nov-01		Methods and Systems for Providing Application Level Presence Information in Wireless Communication
543.US	1596720		AT&T Wireless	United States	20-Nov-01		System for Providing Presence Information in Wireless Communication
548.US	101036192		AT&T Wireless	United States	27-Feb-02		Methods and Systems for Providing Application Level Presence Information in Wireless Communication
549.US	101035491		AT&T Wireless	United States	27-Feb-02		Electronic Surveillance Via Correlation of Call Legs
550.CA	2278535		AT&T Wireless	Canada	30-Jan-98	31-Dec-02	Call Path Reduction Via Correlation of Call Legs in a Hairpin Loop Scenario
550.EPC	99904768.3	956733	AT&T Wireless	European Patent Convention	30-Jan-98	04-Aug-04	Wireless Communications System and Method of Operation for Reducing Fraud
550.JP	2515700		AT&T Wireless	Japan	30-Jan-98		Wireless Communications System and Method of Operation for Reducing Fraud

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
550.MX	997060	211880	AT&T Wireless	Mexico	30-Jan-98	06-Dec-02	Wireless Communications System and Method of Operation for Reducing Fraud
550.US	1288790	6064875	AT&T Wireless	United States	31-Jan-97	16-May-00	Wireless Communications System and Method of Operation for Reducing Fraud
550.US.C1	09/451589	6393263	AT&T Wireless	United States	30-Nov-99	21-May-02	Wireless Communications System and Method of Operation for Reducing Fraud
553.PCT	PCT/US02/06909		AT&T Wireless	United States	04-Mar-02		Real-Time Network Analysis and Performance Management
553.US	10/090265		AT&T Wireless	United States	04-Mar-02		Real-Time Drive Network Analysis and Performance Management
557.US	10/039577		AT&T Wireless	United States	26-Oct-01		A Method and Apparatus to Manage a Resource
559.US	09/995327		AT&T Wireless	United States	27-Nov-01		A Method and Apparatus to Store, Access, and Forward Messages
562.P.US	60/337892		AT&T Wireless	United States	08-Nov-01		SACCH-Based Fast Power Control for GERAN (GSM Edge Radio Access Network)
564.EPC	2734731.9		AT&T Wireless	European Patent Convention	04-Jun-02		Hotline Routing of Pre-Activated GSM Subscribers Using Pseudo MSISDNs
564.HK	4103513.8		AT&T Wireless	Hong Kong	18-May-04		Hotline Routing of Pre-Activated GSM Subscribers Using Pseudo MSISDNs
564.PCT	PCT/US02/18053		AT&T Wireless	Patent Cooperation Treaty	04-Jun-02		Hotline Routing of Pre-Activated GSM Subscribers Using Pseudo
564.US	10/162304		AT&T Wireless	United States	04-Jun-02		Hotline Routing of Pre-Activated GSM Subscribers Using Pseudo

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
565.CA	2441764		AT&T Wireless	Canada	03-Apr-02		MSISDNs
565.CN	2807712.1		AT&T Wireless	China P.R.	03-Apr-02		Methods and Apparatus for Mobile Station Location Estimation
565.EPC	2759749.1		AT&T Wireless	European Patent Convention	03-Apr-02		Methods and Apparatus for Mobile Station Location Estimation
565.JP	mailed		AT&T Wireless	Japan	03-Apr-02		Methods and Apparatus for Mobile Station Location Estimation
565.KR	2003-7012902		AT&T Wireless	South Korea	03-Apr-02		Methods and Apparatus for Mobile Station Location Estimation
565.MX	PA/A/2003/009011		AT&T Wireless	Mexico	03-Oct-03		Methods and Apparatus for Mobile Station Location Estimation
565.PCT	PCT/US02/10791		AT&T Wireless	Patent Cooperation Treaty	03-Apr-02		Methods and Apparatus for Mobile Station Location Estimation
565.US	10/473926		AT&T Wireless	United States	08-Mar-04		Mobile-Assisted Network Location System (MALS) Overview
566.US	1839637		AT&T Wireless	United States	05-Dec-01		Methods and Apparatus for Anonymous User Identification and Content Personalization in Wireless Communication
568.CN	2808405.5		AT&T Wireless	China P.R.	17-Oct-03		Binding Information for IP Media Flows
568.EPC	2728813.3		AT&T Wireless	European Patent Convention	16-Apr-02		Binding Information for IP Media Flows
568.JP	mailed		AT&T Wireless	Japan	17-Oct-03		Binding Information for IP Media Flows
568.PCT	PCT/US02/12181		AT&T Wireless	Patent Cooperation Treaty	16-Apr-02		Binding Information for IP Media Flows
568.US	10/091047		AT&T Wireless	United States	04-Mar-02		Binding Information for IP Media Flows

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
573.EPC	1111279.4		AT&T Wireless	European Patent Convention	16-May-01		Method and Systems for Searching and Managing Information on Wireless Data Devices
573.JP	2001-146264		AT&T Wireless	Japan	16-May-01		Method and Systems for Searching and Managing Information on Wireless Data Devices
573.US	456433		AT&T Wireless	United States	14-May-01		Method and Systems for Searching and Managing Information on Wireless Data Devices
576.EPC	2773532.3		AT&T Wireless	European Patent Convention	30-Apr-04		Recognition of an Automatic Connection Using Spoken Address Information Received in Voice Mails and Real Time Telephone Conversations
576.PCT	PCT/US02/30124		AT&T Wireless	Patent Cooperation Treaty	19-Sep-02		Recognition of an Automatic Connection Using Spoken Address Information Received in Voice Mails and Real Time Telephone Conversations
576.US	09/972572		AT&T Wireless	United States	03-Oct-01		System and Method for Recognition of and Automatic Connection Using Spoken Address Information Received in Voice Mails and Live Telephone Conversations
577.CA	mailed		AT&T Wireless	Canada	24-Jun-02		Method and Apparatus for Providing Power and Wireless Protocol Capability to a Wireless Device, Such as a Wireless Phone
577.PCT1	PCT/US02/20105		Patent Cooperation Treaty	AT&T Wireless	24-Jun-02		Method and Apparatus for Providing Power and Wireless Protocol Capability to a Wireless Device, Such as a Wireless Phone

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
577.PCT2	PCT/US02/20165		AT&T Wireless	Patent Cooperation Treaty	24-Jun-02		Wireless Adapter for Use With Proprietary Hands-Free Car Kits in Support of Multi-Model Mobile Phones
577.PCT3	PCT/US02/20121		AT&T Wireless	Patent Cooperation Treaty	24-Jun-02		Bluetooth External Module for Car Radio
577.US1	10/036188	6636749	AT&T Wireless	United States	31-Dec-01	21-Oct-03	Method and Apparatus for Providing Power and Wireless Protocol Capability to a Wireless Device, Such as a Wireless Phone
577.US1.C1	10/0630646		AT&T Wireless	United States	29-Jul-03		Wireless Adapter for Use With Proprietary Hands-Free Car Kits in Support of Multi-Model Mobile Phones
577.US2	10/036151		AT&T Wireless	United States	31-Dec-01		Bluetooth External Module for Car Radio
577.US3	10/036109		AT&T Wireless	United States	31-Dec-01		System and Method for Providing an Automatic Response to a Telephone Call
585.US	2616507		AT&T Wireless	United States	06-May-02		Method and Apparatus for Preventing Wireless Fraud
586.US.C1	08/1440183	5541977	AT&T Wireless	United States	12-May-95	30-Jul-96	Secure Validation/Registration of Analog Cellular Phones
586.US.C2	08/652214	5754952	AT&T Wireless	United States	23-May-96	19-May-98	A Cellular/PCS Handset NAM Download Capability Using a Wide-Area Paging System
587.CN	94106449.2	94106449.2	AT&T Wireless	China P.R.	15-Jun-94	10-Oct-01	A Cellular/PCS Handset NAM Download Capability Using a Wide-Area Paging System
587.JP	6-155408/1994	3035158	AT&T Wireless	Japan	16-Jun-94	18-Feb-00	

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
587.KR	10-1994-0011468	363502	AT&T Wireless	South Korea	26-May-94	24-Aug-02	A Cellular/PCS Handset NAM Download Capability Using a Wide-Area Paging System
587.US.C2	08/700135	5722084	AT&T Wireless	United States	20-Aug-96	24-Feb-98	Cellular/PCS Handset NAM Download Capability Using a Wide-Area Paging System
588.CA	2183284	2183284	AT&T Wireless	Canada	14-Aug-96	27-Jul-99	Traffic Information Estimation and Reporting System
588.DE	763807	DE69611274D	AT&T Wireless	Germany	28-Aug-96	20-Dec-00	Traffic Information Estimation and Reporting System
588.EPC	96113768.4	763807	AT&T Wireless	European Patent Convention	28-Aug-96	20-Dec-00	Traffic Information Estimation and Reporting System
588.FR	96113768.4	763807	AT&T Wireless	France	28-Aug-96	20-Dec-00	Traffic Information Estimation and Reporting System
588.GB	96113768.4	763807	AT&T Wireless	Great Britain	28-Aug-96	20-Dec-00	Traffic Information Estimation and Reporting System
588.JP	242430/1996		AT&T Wireless	Japan	13-Sep-96		Traffic Information Estimation and Reporting System
588.MX	963902	199227	AT&T Wireless	Mexico	05-Sep-96	24-Oct-00	Traffic Information Estimation and Reporting System
588.US	768685	5732383	AT&T Wireless	United States	14-Sep-95	24-Mar-98	Traffic Information Estimation and Reporting System
589.AU	1009197	721050	AT&T Wireless	Australia	09-Jan-97	05-Oct-00	Pager-Controlled Wireless Radiotelephone
589.CA	2192500		AT&T Wireless	Canada	10-Dec-96		Pager-Controlled Wireless Radiotelephone
589.EPC	97100336.3		AT&T Wireless	European Patent Convention	10-Jan-97		Pager-Controlled Wireless Radiotelephone
589.JP	2480/1997		AT&T Wireless	Japan	10-Jan-97		Pager-Controlled Wireless Radiotelephone
589.US	08/584417	5737707	AT&T Wireless	United States	11-Jan-96	07-Apr-98	Pager-Controlled Wireless Radiotelephone

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
591.AU	10092/97	721605	AT&T Wireless	Australia	09-Jan-97	19-Oct-00	Automated Wireless-Call Completion Using a Paging Network
591.CA	2192513	2192513	AT&T Wireless	Canada	10-Dec-96	05-Dec-00	Automated Wireless-Call Completion Using a Paging Network
591.EPC	97100337.1		AT&T Wireless	European Patent Convention	10-Jan-97		Automated Wireless-Call Completion Using a Paging Network
591.JP	24791997		AT&T Wireless	Japan	10-Jan-97		Automated Wireless-Call Completion Using a Paging Network
591.US	08/584416	5802470	AT&T Wireless	United States	11-Jan-96	01-Sep-98	Automated Wireless-Call Completion Using a Paging Network
592.US	2207009	5950134	AT&T Wireless	United States	08-Sep-97	07-Sep-99	Method and Apparatus for Spatial Redundancy in Cellular Networks
593.CA	2234322	2234322	AT&T Wireless	Canada	08-Apr-98	09-Jul-02	Analog-to-Digital Transition: Selecting the Optimal Cellular Radio Mix
593.CN	98109554.2		AT&T Wireless	China P.R.	02-Jun-98		Analog-to-Digital Transition: Selecting the Optimal Cellular Radio Mix
593.DE	98302715.2	69806856.4	AT&T Wireless	Germany	07-Apr-98	31-Jul-02	Analog-to-Digital Transition: Selecting the Optimal Cellular Radio Mix
593.EPC	98302715.2	883317	AT&T Wireless	European Patent Convention	07-Apr-98	31-Jul-02	Analog-to-Digital Transition: Selecting the Optimal Cellular Radio Mix
593.FR	98302715.2	883317	AT&T Wireless	France	07-Apr-98	31-Jul-02	Analog-to-Digital Transition: Selecting the Optimal Cellular Radio Mix
593.GB	98302715.2	883317	AT&T Wireless	Great Britain	07-Apr-98	31-Jul-02	Analog-to-Digital Transition: Selecting the Optimal Cellular Radio Mix
593.JP	10-152363		AT&T Wireless	Japan	02-Jun-98		Analog-to-Digital Transition: Selecting the Optimal Cellular Radio Mix
593.US	08/68403	5960339	AT&T Wireless	United States	03-Jun-97	28-Sep-99	Analog-to-Digital Transition: Selecting the Optimal Cellular Radio Mix

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
594.EPC	97103159.6	793375	AT&T Wireless	European Patent Convention	26-Feb-97	26-Nov-03	Automatic Cellular Telephone Registration for Universal Telephone Number Service
594.GB	97103159.6	97103159.6	AT&T Wireless	Great Britain	26-Feb-97	26-Nov-03	Automatic Cellular Telephone Registration for Universal Telephone Number Service
594.JP	450011997		AT&T Wireless	Japan	28-Feb-97		Automatic Cellular Telephone Registration for Universal Telephone Number Service
594.KR	10-1997-0005587		AT&T Wireless	South Korea	28-Feb-97		Automatic Cellular Telephone Registration for Universal Telephone Number Service
594.US	09/608232	5960340	AT&T Wireless	United States	28-Feb-96	28-Sep-99	Wireless Communications Cellular Architecture for Improving Communications Resource Allocation
595.US	09/662095	6002935	AT&T Wireless	United States	22-May-97	14-Dec-99	Wireless Communications Cellular Architecture for Improving Communications Resource Allocation
595.US.C2	09/693869		AT&T Wireless	United States	29-Jun-01		Method for Predicting the Location of a Mobile Station in a Mobile Communications Network
596.US	09/941231	6052598	AT&T Wireless	United States	30-Sep-97	18-Apr-00	Method for Self-Calibration of a Wireless Communication System
597.CA.CP1	2204815	2204815	AT&T Wireless	Canada	08-May-97	12-Aug-03	Method for Self-Calibration of a Wireless Communication System
597.CA.CP1D1	23350939		AT&T Wireless	Canada	08-May-97		Method for Self-Calibration of a Wireless Communication System
597.CA.CP1D2	2352594		AT&T Wireless	Canada	08-May-97		Method for Self-Calibration of a Wireless Communication System
597.EPC.D1	1116398.7		AT&T Wireless	European Patent Convention	06-Jul-01		Wireless Communication System With Adaptive Channel Allocation

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
597.JP.CP1	291857/1997		AT&T Wireless	Japan	24-Oct-97		Method for Self-Calibration of a Wireless Communication System
597.JP.D1	2001-206584		AT&T Wireless	Japan	10-Jul-01		Method for Self-Calibration of a Wireless Communication System
597.US.CP1	08736871		AT&T Wireless	United States	25-Oct-96	29-Oct-02	Method for Self-Calibration of a Wireless Communication System
597.US.CP1C1	1133622		AT&T Wireless	United States	08-Oct-02	10-Aug-04	Method for Self-Calibration of a Wireless Communication System
597.US.D1	09722894		AT&T Wireless	United States	30-Dec-98	17-Dec-02	Method for Self-Calibration of a Wireless Communication System
598.CA	2231928	6496699	AT&T Wireless	Canada	12-Mar-98	18-Feb-03	Method and System for Providing Access to a Telecommunications Network
598.CN	98109550.X		AT&T Wireless	China P.R.	02-Jun-98		Method and System for Providing Access to a Telecommunications Network
598.DE	98301494.5	883315	AT&T Wireless	Germany	02-Mar-98	19-May-04	Method and System for Providing Access to a Telecommunications Network
598.EPC	98301494.5	883315	AT&T Wireless	European Patent Convention	02-Mar-98	19-May-04	Method and System for Providing Access to a Telecommunications Network
598.FR	98301494.5	883315	AT&T Wireless	France	02-Mar-98	19-May-04	Method and System for Providing Access to a Telecommunications Network
598.GB	98301494.5	883315	AT&T Wireless	Great Britain	02-Mar-98	19-May-04	Method and System for Providing Access to a Telecommunications Network
598.IN	637/MAS/98		AT&T Wireless	India	01-Apr-98		Method and System for Providing Access to a Telecommunications Network

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
598.JP	10-145267		AT&T Wireless	Japan	27-May-98		Method and System for Providing Access to a Telecommunications Network
598.MX	984354		AT&T Wireless	Mexico	01-Jun-98		Method and System for Providing Access to a Telecommunications Network
598.US	08/868407		AT&T Wireless	United States	03-Jun-97		Method and System for Providing Access to a Telecommunications Network
600.BR	0003715-0		AT&T Wireless	Brazil	21-Aug-00		International Roaming Service for Permitting a Cellular/Wireless Telephone Instrument to Access Different Wireless Telephone Network
600.CA	2316088		AT&T Wireless	Canada	17-Aug-00		International Roaming Service for Permitting a Cellular/Wireless Telephone Instrument to Access Different Wireless Telephone Network
600.EPC	112746.3		AT&T Wireless	European Patent Convention	16-Jun-00		International Roaming Service for Permitting a Cellular/Wireless Telephone Instrument to Access Different Wireless Telephone Network
600.JP	2000-254818		AT&T Wireless	Japan	25-Aug-00		International Roaming Service for Permitting a Cellular/Wireless Telephone Instrument to
600.US	09/384451		AT&T Wireless	United States	27-Aug-99	22-Jun-04	International Roaming Service for Permitting a Cellular/Wireless Telephone Instrument to

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
							Access Different Wireless Telephone Network Systems
600.US.C1	mailed		AT&T Wireless	United States	17-Jun-04		International Roaming Service for Permitting a Cellular/Wireless Telephone Instrument to Access Different Wireless Telephone Network Systems
602.US	09/469266	6317684	AT&T Wireless	United States	22-Dec-99	13-Nov-01	Method and Apparatus for Navigation Using a Portable Communication Device
603.US	09/489477	6404388	AT&T Wireless	United States	21-Jan-00	11-Jun-02	Method and Apparatus for Enhanced 911 Location Using Power Control in a Wireless System
603.US.C1	10/155380	6590533	AT&T Wireless	United States	24-May-02	08-Jul-03	Method and Apparatus for Enhanced 911 Location Using Power Control in a Wireless System
603.US.C1(1)	10/456052		AT&T Wireless	United States	05-Jun-03		Method and Apparatus for Enhanced 911 Location Using Power Control in a Wireless System
604.US.C1	10/295293	6744383	AT&T Wireless	United States	15-Nov-02	01-Jun-04	Intelligent Roadway System
605.US	09/900773		AT&T Wireless	United States	06-Jul-01		Enhanced Communication Service for Predicting and Handling Communication Interruption
606.EPC	3743137.6		AT&T Wireless	European Patent Convention	18-Feb-03		Secure Online Purchasing
606.PCT	PCTIUS03/04650		AT&T Wireless	Patent Cooperation Treaty	18-Feb-03		Secure Online Purchasing
606.US	10/080988		AT&T Wireless	United States	22-Feb-02		Secure Online Purchasing
606.US.CP1	10/160566		AT&T Wireless	United States	30-May-02		Secure Online Purchasing
607.US	10/017629		AT&T Wireless	United States	13-Dec-01		A Call Queue in a Wireless Device

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
608.US	10/209754		AT&T Wireless	United States	31-Jul-02		Efficient Synchronous and Asynchronous Database Replication
609.PCT	PCT/US03/16652		AT&T Wireless	Patent Cooperation Treaty	23-May-03		System and Method for Providing a Digital Rights Scheme for Browser Downloads
609.US	10/160695		AT&T Wireless	United States	30-May-02		Virtual Subscriber Network
614.US	10/259558		AT&T Wireless	United States	25-Sep-02		
618.US	1387467		AT&T Wireless	United States	28-May-04		PIG Freeze
619.US	10/650468		AT&T Wireless	United States	20-Oct-03		Biometric Authentication of a Wireless Device User
621.US	10/155917		AT&T Wireless	United States	24-May-02		
622.PCT	PCT/US04/07235		AT&T Wireless	Patent Cooperation Treaty	09-Mar-04		Multi-Standard Prepaid Communication Services
622.US	-445686		AT&T Wireless	United States	18-Mar-03		Multi-Standard Prepaid Communication Services
625.PCT	PCT/US03/36316		AT&T Wireless	Patent Cooperation Treaty	12-Nov-03		Prepaid Telecommunications System
625.US	10/295233		AT&T Wireless	United States	14-Nov-02		Prepaid Telecommunications System
628.US	10/840810		AT&T Wireless	United States	07-May-04		System and Method for SMS Text Routing
630.US	10/282742		AT&T Wireless	United States	28-Oct-02		Text Abbreviation Methods and Apparatus and Systems Using Same
632.US	10/282909		AT&T Wireless	United States	28-Oct-02		Speech to Message Processing
633.US	mailed		AT&T Wireless	United States	19-Feb-03		Interrogate Response Communication (IRC)
634.US.CP1	10/279170		AT&T Wireless	United States	23-Oct-02		Interactive Education Tool
635.US	10/634977		AT&T Wireless	United States	04-Aug-03		Receiver Test System
636.US	10/253403		AT&T Wireless	United States	23-Sep-02		Cell Planning Methods and Apparatus and Networks

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
638.US	216500		AT&T Wireless	United States	22-Jul-02		Configured Based on Same
639.US	10324494		AT&T Wireless	United States	19-Dec-02		Methods and Apparatus for Formatting Information for a Communication
640.US	10324354		AT&T Wireless	United States	19-Dec-02		Conditional Application Invocation in a Wireless Device
641.US	10324159		AT&T Wireless	United States	19-Dec-02		Automated Device Behavior Management Based on Network Charging and Rating Conditions
642.US	10324870		AT&T Wireless	United States	19-Dec-02		Automated Device Behavior Management Based on Preset Preferences
644.US	10325408		AT&T Wireless	United States	20-Dec-02		Control of Security or Ease-of-Use Sensitivity for a Wireless Communication Device
645.US	10700301		AT&T Wireless	United States	31-Oct-03		Verification System for Facilitating Transactions via Communication Networks and Associated Method
645P.US	601423224		AT&T Wireless	United States	01-Nov-02		General Purpose Automated Activation and Provisioning Technologies
646.US	1779371		AT&T Wireless	United States	31-Dec-02		Self-Activation via Wired Web and Device
649.US	10445173		AT&T Wireless	United States	28-May-03		System and Method for Network Data Quality Measurement
652.US	10364421		AT&T Wireless	United States	12-Feb-03		Networks and Methods Integrating Digital Mobile Standards
653.US	10346497		AT&T Wireless	United States	16-Jan-03		Interface for a Multi-Messaging System
							Autopopulation of Address Book Entries

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
655.PCT	PCT/US03/18449		AT&T Wireless	Patent Cooperation Treaty	10-Jun-03		Location Determining System for Wireless Network and Associated Method (Friend Finder)
655.US	10/324984		AT&T Wireless	United States	20-Dec-02		System for Providing Location-Based Services in a Wireless Network, Such as Locating Individuals and Coordinating Meetings
655.US1	10/325566		AT&T Wireless	United States	20-Dec-02		Apparatus and Systems for Providing Location-Based Services Within a Wireless Network
655.US2	10/325270		AT&T Wireless	United States	20-Dec-02		Data Structures and Methods for Location-Based Services Within a Wireless Network
655.US3	10/325032		AT&T Wireless	United States	20-Dec-02		Method for Providing Location-Based Services in a Wireless Network, Such as Varying Levels of Services
655.US4	10/325322		AT&T Wireless	United States	20-Dec-02		Profile Driven Response to Communication Events
658.PCT	PCT/US03/35439		AT&T Wireless	Patent Cooperation Treaty	24-Oct-03		Profile Driven Response to Communication Events
658.US	10/281651		AT&T Wireless	United States	28-Oct-02		Simplified Wireless Device Pairing
665.US	10/617437		AT&T Wireless	United States	11-Jul-03		System and Method for Integrating Local-Area and Wide-Area Wireless Networks
668.PCT	PCT/US03/33513		AT&T Wireless	Patent Cooperation Treaty	23-Oct-03		

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
668.US	-321138		AT&T Wireless	United States	20-Dec-02		System and Method for Integrating Local-Area and Wide-Area Wireless Networks
669.PCT	PCT/US03/33593		AT&T Wireless	Patent Cooperation Treaty	23-Oct-03		System and Method for Content Delivery Using Alternate Data Paths in a Wireless Network
669.US	10/324613		AT&T Wireless	United States	20-Dec-02		System and Method for Content Delivery Using Alternate Data Paths in a Wireless Network
670.PCT	PCT/US03/33594		AT&T Wireless	Patent Cooperation Treaty	23-Oct-03		System and Method for Delivering Data Services in Integrated Wireless Networks
670.US	10/324667		AT&T Wireless	United States	20-Dec-02		System and Method for Delivering Data Services in Integrated Wireless Networks
679.US	2428042		AT&T Wireless	United States	02-Jan-03		Improved Delivery of Network Services
680.US	2428773		AT&T Wireless	United States	02-Jan-03		Improved Delivery of Network Services
681.US	2578888		AT&T Wireless	United States	02-Jan-03		Improved Delivery of Network Services
682.US	2574139		AT&T Wireless	United States	02-Jan-03		Improved Delivery of Network Services
685.US	10/410662		AT&T Wireless	United States	07-Apr-03		Improved Delivery of Network Services
686.US	10/410663		AT&T Wireless	United States	07-Apr-03		Improved Delivery of Network Services
690.US	10/612970		AT&T Wireless	United States	07-Jul-03		One Button Access to Network Services from a Remote Control Device
691.US	2006188		AT&T Wireless	United States	15-Sep-03		Automatic Device Configuration to Receive Network Services
691.US,CP1	10/833412		AT&T Wireless	United States	27-Apr-04		Identification of SIM Based Device

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
692.US	1027337		AT&T Wireless	United States	16-Jun-03		Distributed Profile Storage and Management in a Telecommunication Network
693.US	838873		AT&T Wireless	United States	16-Jun-03		Application of Dynamic Profiles to the Allocation and Configuration of Network Resources
696.US	10609043		AT&T Wireless	United States	27-Jun-03		Device and Method for Improved Text Entry on an Alphanumeric Keypad
700.CA	2283859		AT&T Wireless	Canada	24-Feb-98		Highly Bandwidth-Efficient Communications
700.EPC	98910043.3		AT&T Wireless	European Patent Convention	24-Feb-98		Highly Bandwidth-Efficient Communications
700.JP	10-536984		AT&T Wireless	Japan	24-Feb-98		Highly Bandwidth-Efficient Communications
700.US.C1	08/993721	6359923	AT&T Wireless	United States	18-Dec-97	19-Mar-02	Highly Bandwidth-Efficient Communications
700.US.C1D01	547744		AT&T Wireless	United States	03-Aug-01		Highly Bandwidth-Efficient Communications
700.US.C1D15	197842	6621851	AT&T Wireless	United States	28-Nov-00	16-Sep-03	Priority Messaging Method for a Discrete Multitone Spread Spectrum Communications System
700.US.C1D16	198207	6480522	AT&T Wireless	United States	28-Nov-00	12-Nov-02	Method of Polling Second Stations for Functional Quality and Maintenance Data in Discrete Multitone Spread Spectrum Communications System
701.US.C1(1)	09/128738	6500776	AT&T Wireless	United States	05-Aug-98	29-Jul-03	Vertical Adaptive Antenna Array for a Discrete Multitone Spread Spectrum Communications System
701.US.C1(4)	10/017903	6584144	AT&T Wireless	United States	10-Dec-01	24-Jun-03	Vertical Adaptive Antenna Array for a Discrete Multitone Spread Spectrum Communications System
701.US.C1(5)	10/435304	6782039	AT&T Wireless	United States	08-May-03	24-Aug-04	Vertical Adaptive Antenna Array for a Discrete Multitone Spread Spectrum

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
701.US.C1(6)	mailed		AT&T Wireless	United States	20-Jul-04		Vertical Adaptive Antenna Array for a Discrete Multitone Spread Spectrum Communications System
702.CA	2278852	2278852	AT&T Wireless	Canada	03-Feb-98	09-Apr-02	Method for Frequency Division Duplex Communications
702.EPC	98908475.1		AT&T Wireless	European Patent Convention	03-Feb-98		Method for Frequency Division Duplex Communications
702.JP	10-534899		AT&T Wireless	Japan	03-Feb-98		Method for Frequency Division Duplex Communications
702.MX	997160	209442	AT&T Wireless	Mexico	03-Feb-98	02-Aug-02	Method for Frequency Division Duplex Communications
702.US	08/796584	5933421	AT&T Wireless	United States	06-Feb-97	03-Aug-99	Method for Frequency Division Duplex Communications
702.US.C1	09/294174	6560209	AT&T Wireless	United States	19-Apr-99	06-May-03	Method for Frequency Division Duplex Communications
702.US.C1(1)	10/383976		AT&T Wireless	United States	07-Mar-03		Method for Frequency Division Duplex Communications
703.US	08/796586	6085114	AT&T Wireless	United States	06-Feb-97	04-Jul-00	Method for Frequency Division Duplex Communications
703.US.D1	09/222895	6047200	AT&T Wireless	United States	30-Dec-98	04-Apr-00	Having Reduced Power Operating Mode
704.CA	2281818	2281818	AT&T Wireless	Canada	24-Feb-98	01-Apr-03	Out of Channel Cyclic Redundancy Code Method for a Discrete Multitone Spread Spectrum Communications System
704.EPC	98911401.2		European Patent Convention				Out of Channel Cyclic Redundancy Code Method for a Discrete Multitone Spread Spectrum Communications System

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
704.MX	997730	209008	AT&T Wireless	Mexico	24-Feb-98	17-Jul-02	Out of Channel Cyclic Redundancy Code Method for a Discrete Multitone Spread Spectrum Communications System
705.US	08/803833	5896425	AT&T Wireless	United States	24-Feb-97	20-Apr-99	Non-Uniformly Spaced Tones for Synchronization Waveform
707.US	08/806508	5884543	AT&T Wireless	United States	24-Feb-97	26-Jan-99	Transmit/Receive Compensation
707.US.C1	09/095748	6175555	AT&T Wireless	United States	11-Jun-98	16-Jan-01	Transmit/Receive Compensation
708.US	08/804615	59372814	AT&T Wireless	United States	24-Feb-97	16-Feb-99	Method for Linearization of RF Transmission Electronics Using Baseband Pre-Distortion in T/R Compensation Pilot Signals
709.US	08/806507	6002664	AT&T Wireless	United States	24-Feb-97	14-Dec-99	Method for Gaining Access to a Shared Medium Which Improves Over the Slotted Aloha Scheme
710.US	08/804614	5889814	AT&T Wireless	United States	24-Feb-97	30-Mar-99	Transmit/Receive Compensation for a Dual FDD/TDD Architecture
711.US	08/803832	5909641	AT&T Wireless	United States	24-Feb-97	01-Jun-99	Transmit/Receive Switch
713.US	08/804616	5923700	AT&T Wireless	United States	24-Feb-97	13-Jul-99	Adaptive Weight Update Method and System for a Discrete Multitone Spread Spectrum Communications System
713.US.C1	09/099048		AT&T Wireless	United States	15-Nov-01		Adaptive Weight Update Method and System for a Discrete Multitone Spread Spectrum Communications System
713.US.C2	09/299079	6160839	AT&T Wireless	United States	26-Apr-99	12-Dec-00	Adaptive Weight Update Method for a Discrete Multitone Spread Spectrum Communications System

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
713.US.C2C1	09/699361	6408016	AT&T Wireless	United States	31-Oct-00	18-Jun-02	Adaptive Weight Update Method and System for a Discrete Multitone Spread Spectrum Communications System
715.US	646995	5884300	AT&T Wireless	United States	01-May-97	16-Mar-99	Inventory Pipeline Management System
717.CA	2262358	2262358	AT&T Wireless	Canada	23-Feb-99	31-Dec-02	FDD Forward Link Beamforming Method for a FDD Communications System
717.EPC	99301378.8	940934	AT&T Wireless	European Patent Convention	25-Feb-99	04-Aug-04	FDD Forward Link Beamforming Method for a FDD Communications System
717.US	09/035286	6134261	AT&T Wireless	United States	05-Mar-98	17-Oct-00	Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
720.CA	2255464	2255464	AT&T Wireless	Canada	10-Dec-98	06-Aug-02	Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
720.DE	69823326.3-08	98124231.6	AT&T Wireless	Germany	17-Dec-98	21-Apr-04	Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
720.EPC	98124231.6	938194	AT&T Wireless	European Patent Convention	17-Dec-98	21-Apr-04	Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
720.EPC.D1	4009318.9		AT&T Wireless	European Patent Convention	17-Dec-98		Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
720.FR	98124231.6		AT&T Wireless	France	17-Dec-98		Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
720.GB	98124231.6		AT&T Wireless	Great Britain	17-Dec-98		Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
720.MX	9810841		AT&T Wireless	Mexico	16-Dec-98		Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
720.US	-610075	6188736	AT&T Wireless	United States	21-Apr-98	13-Feb-01	Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
720.US.C1	09690542	6470043	AT&T Wireless	United States	17-Oct-00	22-Oct-02	Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
720.US.C1(1)	10/234407	6741635	AT&T Wireless	United States	03-Sep-02	25-May-04	Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
720.US.C1(2)	10/838553		AT&T Wireless	United States	04-May-04		Near-Optimal Low-Complexity Decoding of Space-Time Codes for Fixed Wireless Applications
721.CA	2303388		AT&T Wireless	Canada	31-Aug-98		Transmitter Diversity Technique for Wireless Communications
721.CA.D1	2405875		AT&T Wireless	Canada	31-Aug-98		Transmitter Diversity Technique for Wireless Communications
721.CL	1060-2003		AT&T Wireless	Chile	27-May-03		Transmitter Diversity Technique for Wireless Communications
721.DE1	29824763.1	29824763.1	AT&T Wireless	Germany	31-Aug-98	13-Jun-02	Sender for Wireless Communications
721.DE2	29824760.7	29824760.7	AT&T Wireless	Germany	31-Aug-98	13-Jun-02	Receiver for Wireless Communications

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
721.DE3	29824761.5	29824761.5	AT&T Wireless	Germany	31-Aug-98	13-Jun-02	System for Wireless Communications
721.DE4	29824765.8	29824765.8	AT&T Wireless	Germany	31-Aug-98	13-Jun-02	Electronic Circuit for a Receiver for Wireless Communications
721.DE5	29824762.3	29824762.3	AT&T Wireless	Germany	31-Aug-98	13-Jun-02	Electronic Circuit for a Sender for Wireless Communications
721.DE6	69815869.5	1016228	AT&T Wireless	Germany	31-Aug-98	25-Jun-03	Transmitter Diversity Technique for Wireless Communications
721.EPC	98944605.9	1016228	AT&T Wireless	European Patent Convention	31-Aug-98	25-Jun-03	Transmitter Diversity Technique for Wireless Communications
721.EPC.D1	3010810.4		AT&T Wireless	European Patent Convention	31-Aug-98		Transmitter Diversity Technique for Wireless Communications
721.FR	98944605.9	1016228	AT&T Wireless	France	31-Aug-98	25-Jun-03	Transmitter Diversity Technique for Wireless Communications
721.GB	98944605.9	1016228	AT&T Wireless	Great Britain	31-Aug-98	25-Jun-03	Transmitter Diversity Technique for Wireless Communications
721.GE	880968	P13127	AT&T Wireless	Georgia	10-Jul-03	10-Dec-03	Transmitter Diversity Technique for Wireless Communications
721.HK	4101312.5		AT&T Wireless	Hong Kong	24-Feb-04		Transmitter Diversity Communications
721.MX	2573		AT&T Wireless	Mexico	31-Aug-98		Transmitter Diversity Technique for Wireless Communications
721.US	2479512	6185258	AT&T Wireless	United States	07-May-98	06-Feb-01	Transmitter Diversity Technique for Wireless Communications
721.US.C1	2686604	6775329	AT&T Wireless	United States	05-Dec-00	10-Aug-04	Transmitter Diversity Technique for Wireless Communications
721.US.C1(1)	10162357		AT&T Wireless	United States	22-Jun-04		Transmitter Diversity Technique for Wireless Communications
722.US	2022558	6553237	AT&T Wireless	United States	02-Dec-98	22-Apr-03	Method and Apparatus for Remote Unit Passivation

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
723.US	2023689		AT&T Wireless	United States	02-Dec-98		Method for Synchronous Encryption Over a Communication Medium
729.US	09/557,672		AT&T Wireless	United States	25-Apr-00		Method for Estimating Changes in Product Life for a Redesigned Product
731.CA	227,6207	227,6207	AT&T Wireless	Canada	16-Oct-98	18-Feb-03	Low Complexity Maximum Likelihood Detection of Concatenated Space Codes for Wireless Applications
731.CA.D1	2411286		AT&T Wireless	Canada	16-Oct-98		Low Complexity Maximum Likelihood Detection of Concatenated Space Codes for Wireless Applications
731.EPC	99953654.5		AT&T Wireless	European Patent Convention	16-Oct-98		Low Complexity Maximum Likelihood Detection of Concatenated Space Codes for Wireless Applications
731.JP	45962		AT&T Wireless	Japan	16-Oct-98		Low Complexity Maximum Likelihood Detection of Concatenated Space Codes for Wireless Applications
731.JP.D1	2003-298814		AT&T Wireless	Japan	14-Aug-03		Low Complexity Maximum Likelihood Detection of Concatenated Space Codes for Wireless Applications
731.MX	996086	216468	AT&T Wireless	Mexico	16-Oct-98	19-Sep-03	Low Complexity Maximum Likelihood Detection of Concatenated Space Codes for Wireless Applications
731.MX.D1	PA/2003/003469		AT&T Wireless	Mexico	21-Apr-03		Low Complexity Maximum Likelihood Detection of Concatenated Space Codes for Wireless Applications
731.US	09/167,422	6501803	AT&T Wireless	United States	06-Oct-98	31-Dec-02	Low Complexity Maximum Likelihood Detection of Concatenated Space

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
							Codes for Wireless Applications
731.US.D1	1167225		AT&T Wireless	United States	03-Dec-01		Low Complexity Maximum Likelihood Detection of Concatenated Space Codes for Wireless Applications
731.US.D1C1	1739925		AT&T Wireless	United States	30-Dec-02		Low Complexity Maximum Likelihood Detection of Concatenated Space Codes for Wireless Applications
732.US	09/303266	6377783	AT&T Wireless	United States	30-Apr-99	23-Apr-02	Method for Combining Communication Beams in a Wireless Communication System
732.US.C1	10/046243		AT&T Wireless	United States	16-Jan-02		Method for Location- Based Asset Management
733.US	-544696		AT&T Wireless	United States	04-Jun-99		Method for Location- Based Asset Management
733.US.C1	mailed		AT&T Wireless	United States	14-Sep-04		Method and Apparatus for Vibration and Temperature Isolation
734.US	09/311820	6491528	AT&T Wireless	United States	13-May-99	10-Dec-02	Maximum Ratio Transmission
735.US	09/156066	6459740	AT&T Wireless	United States	17-Sep-98	01-Oct-02	Maximum Ratio Transmission
735.US.C1	10/177461		AT&T Wireless	United States	19-Jun-02		Method for Error Compensation in an OFDM System with Diversity
736.US	09/321457	6442222	AT&T Wireless	United States	27-May-99	27-Aug-02	Method for Error Compensation in an OFDM System with Diversity
736.US.C1	10/176643		AT&T Wireless	United States	24-Jun-02		Method for Error Compensation in an OFDM System With Diversity
736.US.C1(1)	-642186		AT&T Wireless	United States	21-May-04		Method for Error Compensation in an OFDM System With Diversity
737.US	09/535365		AT&T Wireless	United States	24-Mar-00		Method for Improving Efficiency in a Time
738.AR	102506		AT&T Wireless	Argentina	23-May-00		Efficiency

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
738.BR	75120		AT&T Wireless	Brazil	18-May-00		Method for Improving Efficiency in a Time Sharing Network
738.CA	2308963	2308963	AT&T Wireless	Canada	18-May-00	09-Dec-03	Method for Improving Efficiency in a Time Sharing Network
738.EPC	110197.1		AT&T Wireless	European Patent Convention	16-May-00		Method for Improving Efficiency in a Time Sharing Network
738.MX	5014		AT&T Wireless	Mexico	24-May-00		Method for Improving Efficiency in a Time Sharing Network
738.US	091546794		AT&T Wireless	United States	11-Apr-00		Method for Improving Efficiency in a Time Sharing Network
744.US	-248485	6363127	AT&T Wireless	United States	09-Jun-00	26-Mar-02	Automatic Gain Control Methods and Apparatus Suitable for Use in OFDM Receivers
744.US.C1	100051714	6574292	AT&T Wireless	United States	17-Jan-02	03-Jun-03	Automatic Gain Control Methods and Apparatus Suitable for Use in OFDM Receivers
744.US.C1(1)	101414576		AT&T Wireless	United States	14-Apr-03		Methods and Apparatus for Use in Reducing Residual Phase Error in OFDM Communication Signals
745.EPC	1964443.4		AT&T Wireless	European Patent Convention	25-Mar-03		Methods and Apparatus for Use in Reducing Residual Phase Error in OFDM Communication Signals
745.PCT	PCT/US01/26621		AT&T Wireless	Patent Cooperation Treaty	24-Aug-01		Methods and Apparatus for Use in Reducing Residual Phase Error in OFDM Communication Signals
745.US	09/670286		AT&T Wireless	United States	25-Sep-00		Methods and Apparatus for Use in Reducing Residual Phase Error in OFDM Communication Signals
747.AR	10100520		AT&T Wireless	Argentina	05-Feb-01		Detection of Cross-Connection Between a

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
747.US	09/502655		AT&T Wireless	United States	11-Feb-00		Wireless Loop Network and Another Loop Network at a Subscriber's Premises
748.AR1	103102		AT&T Wireless	Argentina	21-Jun-00		Detection of Cross-Connection Between a Wireless Loop Network and Another Loop Network at a Subscriber's Premises
748.AR2	103106		AT&T Wireless	Argentina	21-Jun-00		Apparatus and Method for Synchronization in a Multiple-Carrier Communication System by Observing a Plurality of Synchronization Indicators
748.AR3	103105		AT&T Wireless	Argentina	21-Jun-00		Apparatus and Method for Synchronization in a Multiple-Carrier Communication System by Observing Energy Within a Guard Band
748.US1	544822		AT&T Wireless	United States	14-Jun-00		System and Method for Synchronization in a Multiple Carrier Communication System by Observing a Phase-Frequency Relationship of a Plurality of Pilot Signals
748.US2	630289		AT&T Wireless	United States	14-Jun-00	14-May-02	Apparatus and Method for Synchronization in a Multiple-Carrier Communication System by Observing Energy Within a Guard Band
748.US3	665082		AT&T Wireless	United States	14-Jun-00		Apparatus and Method for Synchronization in a Multiple-Carrier Communication System by

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
749.AR	103104		AT&T Wireless	Argentina	21-Jun-00		Observing a Phase-Frequency Relationship of a Plurality of Pilot Signals
749.PCT	PCT/US00/40232		AT&T Wireless	Patent Cooperation Treaty	15-Jun-00		Methods and Apparatus for Use in Obtaining Frequency Synchronization in an OFDM Communication System
749.US	1155142	6768714	AT&T Wireless	United States	14-Jun-00	27-Jul-04	Methods and Apparatus for Use in Obtaining Frequency Synchronization in an OFDM Communication System
750.US	1156603	6700866	AT&T Wireless	United States	14-Jun-00	02-Mar-04	Methods and Apparatus for Use in Obtaining Frequency Synchronization in an OFDM Communication System
751.PCT	PCT/US01/15991		AT&T Wireless	Patent Cooperation Treaty	16-May-01		Methods and Apparatus for Use in Obtaining Frame Synchronization in an OFDM Communication System
751.US	452050		AT&T Wireless	United States	13-Jun-00		Methods and Apparatus for Use in Obtaining Frame Synchronization in an OFDM Communication System
752.AR1	1031100		AT&T Wireless	Argentina	21-Jun-00		Method and Apparatus for Use in Reducing Traffic Over a Communication Link Used by a Computer Network
752.PCT2	PCT/US00/16432		AT&T Wireless	Patent Cooperation Treaty	14-Jun-00		Reverse Tunneling Methods and Apparatus for Use With Private Computer Networks
752.US1.D1	10120710		AT&T Wireless	United States	11-Apr-02		Methods and Apparatus for Use in Reducing Traffic

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
							Over a Communication Link Used by a Computer Network
754.AR	103103	AT&T Wireless	Argentina	21-Jun-00			Methods and Apparatus for Use in Communicating Voice and High Speed Data in a Wireless Communication System
754.PCT	PCT/US00/16700	AT&T Wireless	Patent Cooperation Treaty	15-Jun-00			Method and Apparatus for Use in Communicating Voice and High Speed Data in a Wireless Communication System
754.US	1002105	AT&T Wireless	United States	14-Jun-00			Methods and Apparatus for Use in Communicating Voice and High Speed Data in a Wireless Communication System
755.AR	103064	AT&T Wireless	Argentina	20-Jun-00			System and Method for Data Scrambling to Reduce the Crest Factor in an OFDM Waveform
755.EPC	9382367	AT&T Wireless	European Patent Convention	09-Jun-00			System and Method for Data Scrambling to Reduce the Crest Factor in an OFDM Waveform
755.PCT	PCT/US00/15836	AT&T Wireless	Patent Cooperation Treaty	09-Jun-00			System and Method for Data Scrambling to Reduce the Crest Factor in an OFDM Waveform
755.US	627971	AT&T Wireless	United States	08-Jun-00	31-Aug-04		System and Method for Data Scrambling to Reduce the Crest Factor in an OFDM Waveform
755.US1	mailed	AT&T Wireless	United States	30-Aug-04			System and Method for Data Scrambling to Reduce the Crest Factor in an OFDM Waveform
758.AR	102967	AT&T Wireless	Argentina	15-Jun-00			Design for Scalable Network Management Systems
760.TW	89112312	AT&T Wireless	Taiwan	22-Jun-00	06-Feb-03		System and Method for Checking Service Availability

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
760.US	09/572144	6445912	AT&T Wireless	United States	17-May-00	03-Sep-02	System and Method for Checking Service Availability
761.US	09/511168		AT&T Wireless	United States	24-Feb-00		Intelligent Presentation Network Management Systems
765.BR	0005942-0		AT&T Wireless	Brazil	20-Dec-00		Session Subscription System and Method for Same
765.CA	2326572		AT&T Wireless	Canada	16-Nov-00		Session Subscription System and Method for Same
765.EPC	311492.3		AT&T Wireless	European Patent Convention	20-Dec-00		Session Subscription System and Method for Same
765.MX	12896		AT&T Wireless	Mexico	20-Dec-00		Session Subscription System and Method for Same
765.US	09/474839		AT&T Wireless	United States	30-Dec-99		Session Subscription System and Method for Same
768.AR	106901		AT&T Wireless	Argentina	22-Dec-00		Subscription-Based Billing Methods and Systems for Shared Network Modem Pools
768.BR	0006220-0		AT&T Wireless	Brazil	21-Dec-00		Subscription-Based Billing Methods and Systems for Shared Network Modem Pools
768.EPC	309465.3		AT&T Wireless	European Patent Convention	27-Oct-00		Subscription-Based Billing Methods and Systems for Shared Network Modem Pools
768.MX	12898		AT&T Wireless	Mexico	20-Dec-00		Subscription-Based Billing Methods and Systems for Shared Network Modem Pools
768.US	09/665780		AT&T Wireless	United States	20-Sep-00		Synchronization of Encryption in a Wireless Communication System
769.US	10/028573		AT&T Wireless	United States	19-Dec-01		

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
770.US	09/694943	6697983	AT&T Wireless	United States	24-Oct-00	24-Feb-04	Data Link Layer Tunneling Technique for High Speed Data in a Noisy Wireless Environment
770.US.C1	10/767246		AT&T Wireless	United States	28-Jan-04		Data Link Layer Tunnelling Technique for High Speed Data in a Noisy Wireless Environment
772.US1	09/745216	6765869	AT&T Wireless	United States	21-Dec-00	20-Jul-04	Medium Access Dynamic Congestion Control Mechanism for Wireless Data
772.US2	09/745219	6765870	AT&T Wireless	United States	21-Dec-00	20-Jul-04	Medium Access Dynamic Congestion Control Mechanism for Wireless Data
775.EPC	311028.5		AT&T Wireless	European Patent Convention	11-Dec-00		Collision-Free Multiple Access Reservation Scheme for Multi-Tone Modulation Links
775.US	09/618653		AT&T Wireless	United States	18-Jul-00		Collision-Free Multiple Access Reservation Scheme for Multi-Tone Modulation Links
778.US	228522		AT&T Wireless	United States	28-Nov-00		Method and Apparatus for Efficient Sharing of Communication System Resources
778.US.C1	mailed		AT&T Wireless	United States	19-Aug-04		Method and Apparatus for Efficient Sharing of Communication System Resources
779.AR	10100580		AT&T Wireless	Argentina	08-Feb-01		A Real-Time System for Measuring the Ricean K-Factor
779.PCT	PCT/US01/03854		AT&T Wireless	Patent Cooperation Treaty	07-Feb-01		A Real-Time System for Measuring the Ricean K-Factor
781.US	10/036315		AT&T Wireless	United States	26-Dec-01		System and Method for Providing Service Provider Choice Over a High-Speed Data Connection
782.AR	10103358		AT&T Wireless	Argentina	13-Jul-01		Adaptive Dual-Polarization

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
782.PCT	PCT/US01/18993		AT&T Wireless	Patent Cooperation Treaty	13-Jun-01		Communication of Orthogonal Frequency Division Multiplexed Signal
782.US1	09/616128		AT&T Wireless	United States	14-Jul-00		Multicarrier Transmission Using Polarized Antennae Adaptive Dual-Polarization Communication of Orthogonal Frequency Division Multiplexed Signals
784.US	2005785		AT&T Wireless	United States	28-Feb-01		Transmit Power Control for an OFDM-Based Wireless Communication System
786.US	09/879350		AT&T Wireless	United States	12-Jun-01		Method for Shared Network Modem Dialup Intranet Access Over a Wireless Network Using PPPoE
787.US	09/874570		AT&T Wireless	United States	05-Jun-01		Method of Determining RF Coverage Area in a Point-to-Multipoint Transmission System
789.AR	10102824		AT&T Wireless	Argentina	13-Jun-01		Method for Providing Transparent Public Addressed Networks Within Private Networks
789.MY	PI20012764		AT&T Wireless	Malaysia	13-Jun-01		Method for Providing Transparent Public Addressed Networks Within Private Networks
789.TW	90113964		AT&T Wireless	Taiwan	18-Oct-01		Method for Providing Transparent Public Addressed Networks Within Private Networks
789.US	722695		AT&T Wireless	United States	28-Nov-00		Method for Providing Transparent Public Addressed Networks Within Private Networks
792.US	09/900779		AT&T Wireless	United States	06-Jul-01		Method for Estimating Changes in Product Life Resulting From HALT Using Exponential

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
793.US	09/900777		AT&T Wireless	United States	06-Jul-01		Method for Estimating Changes in Product Life Resulting From HALT Using Quadratic Acceleration Model
794.US	09/878555		AT&T Wireless	United States	11-Jun-01		Turbo Channel Estimation for OFDM Systems
798.US	10/627192		AT&T Wireless	United States	24-Jul-03		System and Method of Assigning Priority to Remote Units in a Collision Free Multiple Access Protocol
798P.US	60/399042		AT&T Wireless	United States	25-Jul-02		System and Method of Assigning Priority to Remote Units in a Collision Free Multiple Access Protocol
802.EPC	mailed		AT&T Wireless	European Patent Convention	19-May-04		Method for Synchronization of Received Signals
802.US	4628		AT&T Wireless	United States	22-Oct-01		Time Synchronization Method for Method OFDM Signal
816.PCT	PCT/US03/08721		Patent Cooperation Treaty		21-Mar-03		A Real-Time Rate Control Mechanism for Multi-Rate Data Transmissions in Wireless Networks
816.US	10/116160		AT&T Wireless	United States	05-Apr-02		A Real-Time Rate Control Mechanism for Multi-Rate Data Transmissions in Wireless Networks
817.US	374098		AT&T Wireless	United States	24-Apr-02		System and Method for Channel Assignment With Adaptive Modulation in Wireless Communications
819.PCT	PCT/US02/13758		Patent Cooperation Treaty		30-Apr-02		Multi-Service Network Interface Apparatus for Frequency-Division Multiplexed Communications Systems

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
819.US.D1	09/879358	6687374	AT&T Wireless	United States	12-Jun-01	03-Feb-04	Multi-Service Network Interface Apparatus for Frequency-Division Multiplexed Communications Systems
852.US	09/578031	6707894	AT&T Wireless	United States	24-May-00	16-Mar-04	Prepaid Calling Time Processing: A Method and Apparatus for Processing Pre-Paid Calling Time in a Telephone Communication System
853.US	10/615892		AT&T Wireless	United States	05-Jan-04		Prepaid Calling Time Processing: A Method and Apparatus for Processing Pre-Paid Calling Time in a Telephone Communication System
854.US	1964915		AT&T Wireless	United States	15-Sep-03		Network Protocol Converter
856.US	10/773555		AT&T Wireless	United States	05-Feb-04		Integration of Wireless and External Computing Devices
857.US	1971125		AT&T Wireless	United States	15-Sep-03		HTTP-Based Application Fingerprinting by HTTP Proxy
862.US	10/685616		AT&T Wireless	United States	14-Oct-03		Terminal Device IP Address Authentication
863P.US	60/520073		AT&T Wireless	United States	15-Nov-03		Location Announcement for Mobile Devices
							Method, System and Apparatus for Providing Wireless Identification to Standard Telephone
874.US	10/685614		AT&T Wireless	United States	14-Oct-03		Providing Location Information for Wireless Devices Using Name Service
879P.US	60/543952		AT&T Wireless	United States	11-Feb-04		Distributed Handling of Information Directed to a Wireless Device
880.US	10/776507		AT&T Wireless	United States	12-Feb-04		Method and Apparatus for Providing Quality of Service Through Multiple

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
883P.US	60/557153		AT&T Wireless	United States	25-Mar-04		Carrier IP Networks System and Method for Planning and Operating a Telecommunications Network
886.US	mailed		AT&T Wireless	United States	24-Sep-04		Terminal-Based Server for Location Tracking
887.US	10/821608		AT&T Wireless	United States	09-Apr-04		Sharing Content on Mobile Devices
888.US	mailed		AT&T Wireless	United States	20-May-04		System and Method for Voice Recognition Using User Location Information
889.US	10/822187		AT&T Wireless	United States	09-Apr-04		Spam Control for Share Page in Wireless World
894.US	10/763862		AT&T Wireless	United States	22-Jan-04		Identifying A Device to a Network
895P.US	60/562785		AT&T Wireless	United States	15-Apr-04		System for Providing Location-Based Services in a Wireless Network, Such as Locating Sets of Desired Locations
896P.US	60/51947		AT&T Wireless	United States	14-Nov-03		Personal Base Station with Wireless Video Capability
897.US	10/821325		AT&T Wireless	United States	09-Apr-04		Managing Differences in User Devices When Sharing Content on Mobile Devices
906.US	10/867857		AT&T Wireless	United States	14-Jun-04		Call Handling Scheme to Reduce Roaming Charges
906P.US	60/539780		AT&T Wireless	United States	27-Jan-04		Call Handling Scheme to Reduce Roaming Charges
908.US	mailed		AT&T Wireless	United States	13-Sep-04		Method and System for Controlling the Operation of Movable Wireless Networks
908P.US	60/549920		AT&T Wireless	United States	05-Mar-04		Method and System for Controlling the Operation of Movable Wireless Networks
915.US	10/881672		AT&T Wireless	United States	30-Jun-04		Customized Signature Message Service

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
921P.US	mailed		AT&T Wireless	United States	19-Aug-04		Testing for Mobile Device Locator Systems, Such as for E911 Phase II
922.US	mailed		AT&T Wireless	United States	13-Aug-04		Wireless Device Service Activation from a Wireless Device
925.US	mailed		AT&T Wireless	United States	14-Sep-04		Selection of Bearer Mode According to Message Characteristics
926.US	mailed		AT&T Wireless	United States	14-Sep-04		Maintaining Instant Message Session Status in Dynamic Operating Environments
927P.US	60/588307		AT&T Wireless	United States	15-Jul-04		Using Emoticons, Such as for Wireless Devices
928P.US	60/588110		AT&T Wireless	United States	15-Jul-04		Help Buddy for Instant Messaging on a Wireless Device
929.US	mailed		AT&T Wireless	United States	03-Sep-04		System and Method for Data Organization and Display in an Instant-Messaging Interface
930.US	mailed		AT&T Wireless	United States	14-Sep-04		Dedicated Wireless Device Business Method
930P.US	60/590185		AT&T Wireless	United States	21-Jul-04		Dedicated Wireless Device Business Model
931.US	mailed		AT&T Wireless	United States	10-Sep-04		Always On Mobile IM/Messaging Centric Wireless Device
931P.US	60/590229		AT&T Wireless	United States	21-Jul-04		Always On Mobile IM/Messaging Centric Wireless Device
936.US	mailed		AT&T Wireless/IXI Mobile	United States	20-Sep-04		Mobile Communications Device
			AT&T Wireless/Atmel Corp.	Canada	30-Aug-96		Wireless Communication System Having Mobile Stations Establish a Communication Link Through the Base Station
237.CA	2231255						

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
237.CA.D1	2321957		AT&T Wireless/Atmel Corp.	Canada	30-Aug-96		Wireless Communication System
237.EPC	96946386.8		AT&T Wireless/Atmel Corp.	European Patent Convention	30-Aug-96		Wireless Communication System
237.JP	354166		AT&T Wireless/Atmel Corp.	Japan	30-Aug-96		Wireless Communication System
237.MX	981827		AT&T Wireless/Atmel Corp.	Mexico	30-Aug-96	15-Jun-01	Wireless Communication System
237.US	44345		AT&T Wireless/Atmel Corp.	United States	08-Sep-95	08-Jun-99	Wireless Communication System
237.US.D1	09/185859		AT&T Wireless/Atmel Corp.	United States	04-Nov-98	11-May-04	Cordless Cellular System
238.CA	2231370		AT&T Wireless/Atmel Corp.	Canada	30-Aug-96	30-Jul-02	Mobile Telecommunication Device and Method Used for Changing Wireless Communication Between Base Stations of Different Kinds
238.DE	96940621.4	69618604.7	AT&T Wireless/Atmel Corp.	Germany	30-Aug-96	16-Jan-02	Mobile Telecommunication Device and Method Used for Changing Wireless Communication Between Base Stations of Different Kinds (PBS #3)
238.EPC	96940621.4	848888	AT&T Wireless/Atmel Corp.	European Patent Convention	30-Aug-96	16-Jan-02	Mobile Telecommunication Device and Method Used for Changing Wireless Communication Between Base Stations of Different Kinds
238.FR	96940621.4	848888	AT&T Wireless/Atmel Corp.	France	30-Aug-96	16-Jan-02	Mobile Telecommunication Device and Method Used for Changing Wireless Communication Between Base Stations of Different Kinds (PBS #3)

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
238.GB	96940621.4	848888	AT&T Wireless/Atmel Corp.	Great Britain	30-Aug-96	16-Jan-02	Mobile Telecommunication Device and Method Used for Charging Wireless Communication Between Base Stations of Different Kinds (PBS #3)
238.JP	9-511293		AT&T Wireless/Atmel Corp.	Japan	30-Aug-96		A Mobile Telecommunicating Device and Method of Operation
238.MX	981819	202427	AT&T Wireless/Atmel Corp.	Mexico	30-Aug-96	15-Jun-01	Mobile Telecommunication Device and Method Used for Charging Wireless Communication Between Base Stations of Different Kinds
238.US	58590	5232360	AT&T Wireless/Nortel	United States	08-Sep-95	24-Mar-98	Mobile Telecommunication Device and Method Used for Charging Wireless Communication Between Base Stations of Different Kinds (PBS #3)
546.EPC	3739732		AT&T Wireless/Nortel	European Patent Convention	11-Feb-03		Centralized Communications Network Charging Methods and Apparatus
546.PCT	PCT/US03/04036		AT&T Wireless/Nortel	Patent Cooperation Treaty	11-Feb-03		Centralized Communications Network Charging Methods and Apparatus
546.US	10/365116		AT&T Wireless/Nortel	United States	11-Feb-03		Centralized Communications Network Charging Method and Apparatus
546.P1.US	60/356579		AT&T Wireless/Nortel	United States	11-Feb-02		Telecommunications Network Centralized Charging System Topology
546.P2.US	60/356578		AT&T Wireless/Nortel	United States	11-Feb-02		Payment Methods and Apparatus
456.US	09/406278		AT&T/AT&T Wireless	United States	24-Sep-99		Method for Implementing Service Logic Via Database Table Transversals

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
468.US	09/228646	6311053	AT&T/AT&T Wireless	United States	12-Jan-99	30-Oct-01	Calling Party Paid Wireless Telecommunication System
509.CN	1818413.8		AT&T/AT&T Wireless	China P.R.	06-Nov-01		Method and Apparatus for Network-Assisted Automatic Confirmation of Short Message Service
509.EPC	19900117		AT&T/AT&T Wireless	European Patent Convention	06-Nov-01		Method and Apparatus for Network-Assisted Automatic Confirmation of Short Message Service
509.PCT	PCT/US01/47231		AT&T/AT&T Wireless	Patent Cooperation Treaty	06-Nov-01		Method and Apparatus for Network-Assisted Automatic Confirmation of Short Message Service
509.US2	10/011554		AT&T/AT&T Wireless	United States	06-Nov-01		Method and Apparatus for Network-Assisted Automatic Confirmation of Short Message Service
524.EPC	1100127.8		AT&T/AT&T Wireless	European Patent Convention	12-Jan-01		Wireless Internet Call Waiting Service
547.US	09/734157		AT&T/AT&T Wireless	United States	11-Dec-00		Methods and Apparatus for Wireless Auto-Conferencing
547.US.C1	09/945868		AT&T/AT&T Wireless	United States	04-Sep-01		Methods and Apparatus for Wireless Auto-Conferencing
558.EPC	1112955.7		AT&T/AT&T Wireless	European Patent Convention	07-Jun-01		TDMA Communication System Having Enhanced Power Control
558.US	-522416	6754506	AT&T/AT&T Wireless	United States	16-Feb-01	22-Jun-04	TDMA Communication System Having Enhanced Power Control
567.US	-615919		AT&T/AT&T Wireless	United States	07-May-01		Method and System for Signaling Presence of Users in a Multi-Networked Environment
572.EPC	1112956.6		AT&T/AT&T Wireless	European Patent Convention	06-Jun-01		Method and Apparatus for Sharing Wireless Content

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
572.US	09/801635		AT&T/AT&T Wireless	United States	09-Mar-01		Method and Apparatus for Sharing Wireless Content
629.CA	2411899		AT&T/AT&T Wireless	Canada	15-Nov-02		Progressive Reuse Partitioning for Improved Interference Rejection in Wireless Packet Networks
629.US	1035707		AT&T/AT&T Wireless	United States	15-Nov-01		Progressive Reuse Partitioning for Improved Interference Rejection in Wireless Packet Networks
727.US	09/148316	6,047,753	AT&T/AT&T Wireless	United States	04-Sep-98	11-Jun-02	Method and Apparatus for Controlling Access to a Communication Channel
741.PCT	PCT/US01/26658		AT&T/AT&T Wireless	United States	14-Sep-01		Apparatus, System and Method for Validating Integrity of Transmitted Data
741.US	2670533		AT&T/AT&T Wireless	United States	18-Sep-00		Apparatus, System and Method for Validating Integrity of Transmitted Data
742.US	09/783843		AT&T/AT&T Wireless	United States	15-Feb-01		Apparatus, System and Method for Detecting a Loss of Key Stream Synchronization in a Communication System
743.EPC	2731814.6		AT&T/AT&T Wireless	European Patent Convention	15-May-02		Apparatus, System and Method for Validating Integrity of Transmitted Data
743.PCT	PCT/US02/15451		Patent Cooperation Treaty		15-May-02		Apparatus, System and Method for Validating Integrity of Transmitted Data
743.US	09/879575		AT&T/AT&T Wireless	United States	12-Jun-01		Apparatus, System and Method for Validating Integrity of Transmitted Data
186.US	29/021670	D363068	Claircom Communications	United States	21-Apr-94	10-Oct-95	Airline Telephone Handset With Digital Passenger Control Functions and Video Game Controls

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
186.US.CP1	29/021800	D356482	Claircom Communications	United States	25-Apr-94	23-Jan-96	Airline Telephone Handset With Digital Passenger Control Functions and Video Game Controls
186.US.D1	29/040119	D370910	Claircom Communications	United States	19-Jun-95	18-Jun-96	Airline Telephone Handset With Digital Passenger Control Functions and Video Game Controls
187.US	08/482288	5652792	Claircom Communications	United States	07-Jun-95	29-Jul-97	Telephone Handset and Cradle
188.AT	3256195	18022	Claircom Communications	Austria	08-Sep-95	20-Oct-95	Telephone Handset
188.CA	1995-1998	77925	Claircom Communications	Canada	07-Sep-95	25-Jan-96	Telephone Handset
188.DE	MS507231.4	MS507231.4	Claircom Communications	Germany	07-Sep-95	21-Feb-96	Telephone Handset
188.FR	954887	954887	Claircom Communications	France	11-Sep-95	09-Feb-96	Telephone Handset
188.GB	2050278	2050278	Claircom Communications	Great Britain	08-Sep-95	25-Jan-96	Telephone Handset
188.HK	2050278	9900591	Claircom Communications	Hong Kong	10-Mar-95	23-Jul-99	Telephone Handset
188.KR	168271995	192764	Claircom Communications	South Korea	07-Sep-95	03-Feb-97	Telephone Handset
188.SE	951701	59555	Claircom Communications	Sweden	08-Sep-95	05-Jun-96	Telephone Handset
188.SG	2050278	2050278	Claircom Communications	Singapore	08-Sep-95	25-Jan-96	Telephone Handset
188.US	29/035969	D371553	Claircom Communications	United States	10-Mar-95	09-Jul-96	Telephone Handset
189.EPC	96907201.6		Claircom Communications	European Patent Convention	08-Mar-96		Tube Mounted Telephone Handset in an Armrest
189.HK	98106849.3		Claircom Communications	Hong Kong	26-Jun-98		Tube Mounted Telephone Handset in an Armrest
189.US	2548877	5627891	Claircom Communications	United States	10-Mar-95	06-May-97	Tube Mounted Telephone Handset in an Armrest

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
191.DE	29580194.8	29580194.8	Claircom Communications	Germany	25-Apr-95	20-Feb-97	Airplane Telephone
191.JP	527740/95		Claircom Communications	Japan	25-Apr-95		Airplane Telephone
191.KR	10-1996-705967	10-348946	Claircom Communications	South Korea	25-Apr-95	02-Aug-02	Airplane Telephone
191.MX	965011		Claircom Communications	Mexico	25-Apr-95		Airplane Telephone
191.PCT	PCT/US95/04821	95/04821	Claircom Communications	Patent Cooperation Treaty	25-Apr-95	02-Nov-95	Airplane Telephone
193.US	08/040180	5463678	Claircom Communications	United States	26-Mar-93	31-Oct-95	Credit Card Reader
195.US	08/040179	5410597	Claircom Communications	United States	26-Mar-93	25-Apr-95	Wired Seat Back Aircraft Telephone Set
196.US	08/040178	5394467	Claircom Communications	United States	26-Mar-93	28-Feb-95	Multi-Purpose Telephone Strain Relief
198.US	08/042426	5455964	Claircom Communications	United States	26-Mar-93	03-Oct-95	Stabilization of Frequency and Power in an Airborne Communication System
199.US	29/007592	D361568	Claircom Communications	United States	26-Mar-93	22-Aug-95	Airplane Telephone Set
251.US.C1	08/451719	6393281	Claircom Communications	United States	26-May-95	21-May-02	Seamless Hand-Off for Air-To-Ground Systems
259.US.C6C2C2	09/451579		Claircom Communications	United States	30-Nov-99		Multi-Nodal Digital Telephone Distribution System
259.US.C6C4C1	Mailed		Claircom Communications	United States	14-Mar-01		Multi-Nodal Digital Telephone Distribution System
375.US.C1	09/520806	6449287	Claircom Communications	United States	08-Mar-00	10-Sep-02	Short Messaging Method and System for Airborne Passengers
375.US.C1(1)	10/211929		Claircom Communications	United States	02-Aug-02		Short Messaging Method and System for Airborne Passengers

## Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
153.DE	M9409857.3	M9409857.3	McCaw Cellular Communications	Germany	14-Dec-94	10-Apr-95	Wireless Communications Terminal
153.FL.1	861/94	17729	McCaw Cellular Communications	Finland	21-Dec-94	29-Sep-95	Wireless Communications Terminal
153.FL.2	862/94	17730	McCaw Cellular Communications	Finland	21-Dec-94	29-Sep-95	Wireless Communications Terminal
153.FR	946994	946994	McCaw Cellular Communications	France	22-Dec-94	31-Mar-95	Wireless Communications Terminal
153.IT	TO94000254	65309	McCaw Cellular Communications	Italy	22-Dec-94	20-Apr-00	Wireless Communications Terminal
153.JP	3944611994	953799	McCaw Cellular Communications	Japan	22-Dec-94	26-Feb-96	Wireless Communications Terminal
153.SE.1	942575	57901	McCaw Cellular Communications	Sweden	22-Dec-94	05-Jul-95	Wireless Communications Terminal
153.SE.2	942576	57902	McCaw Cellular Communications	Sweden	22-Dec-94	05-Jul-95	Wireless Communications Terminal
2001-TE001	09/944380	6708226	Teleflex Information Systems, Inc.	United States	04-Sep-01	16-Mar-04	Multithreaded Batch Processing System
2001-TE001	08/868942	65332167	Teleflex Information Systems, Inc.	United States	04-Jun-97	18-Dec-01	Multithreaded Batch Processing System
2001-TE001	08/229526	5668993	Teleflex Information Systems, Inc.	United States	19-Apr-94	16-Sep-97	Multithreaded Batch Processing System
2001-TE002	2184368		Teleflex Information Systems, Inc.	Canada	23-Feb-95		Method and Apparatus for Processing Discrete Billing Events
2001-TE002	08/698277	5724584	Teleflex Information Systems, Inc.	United States	19-Apr-94	03-Mar-98	Method and Apparatus for Processing Discrete Billing Events
2001-TE003	2184369		Teleflex Information Systems, Inc.	Canada	23-Feb-95		No-Reset Option in a Batching Billing System

Execution Copy

Docket Number	Application Number	Patent Number	Owner	Country Name	Application Date	Grant Date	Title
2001-TE003	09/938827	6558488	Teleflex Information Systems, Inc.	United States	27-Aug-01	02-Dec-03	No-Reset Option in a Batching Billing System
2001-TE003	09/340384	6282519	Teleflex Information Systems, Inc.	United States	28-Jun-99	28-Aug-01	No-Reset Option in a Batch Billing System
2001-TE003	08/377610	5999916	Teleflex Information Systems, Inc.	United States	25-Jan-95	07-Dec-99	No-Reset Option in a Batching Billing System
2001-TE003.C1	10/622106		Teleflex Information Systems, Inc.	United States	17-Jul-03		No-Reset Option in a Batching Billing System